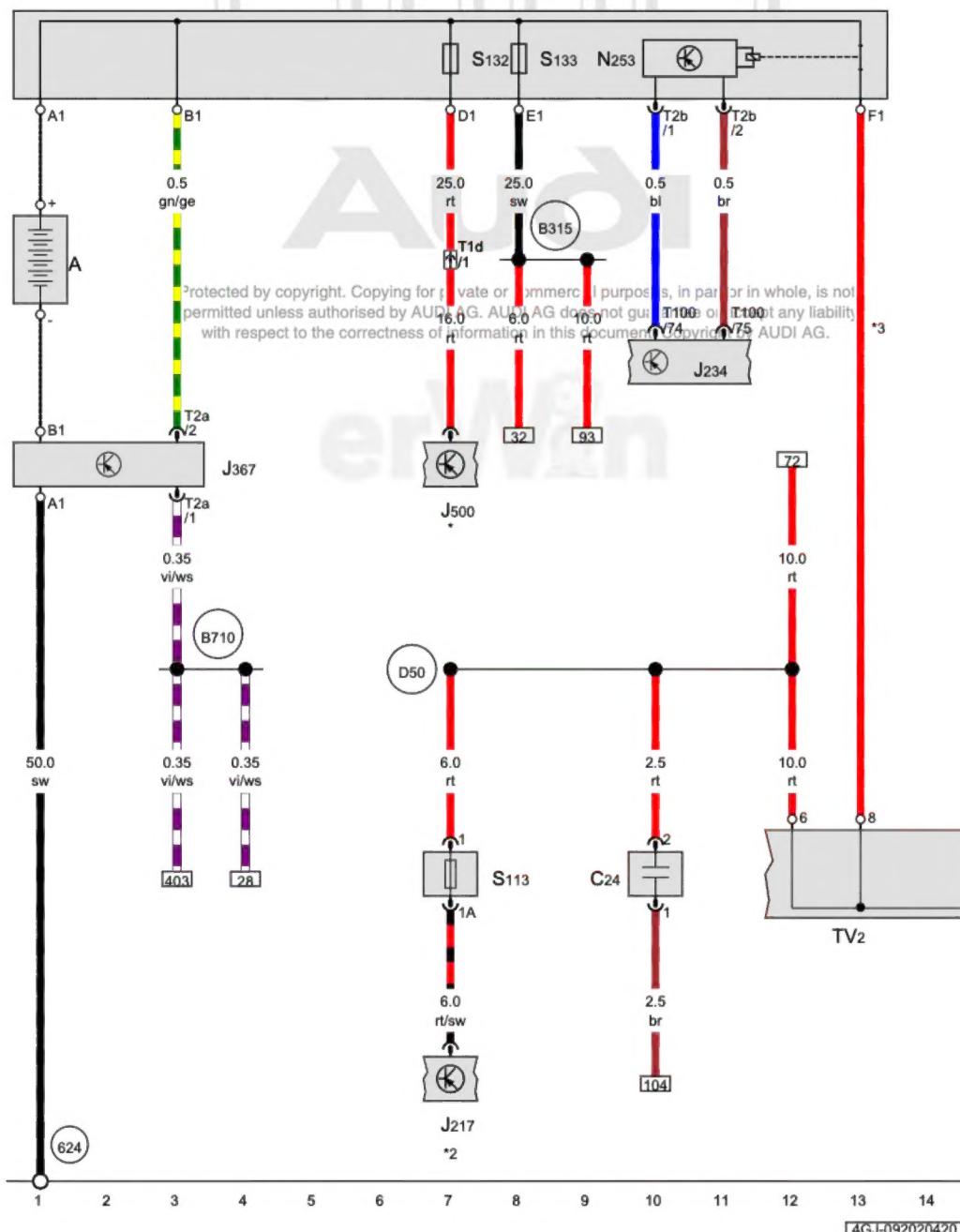


3.0L Diesel Engine , CDUD,CTCB,CTCC,CPNB
From September 2014



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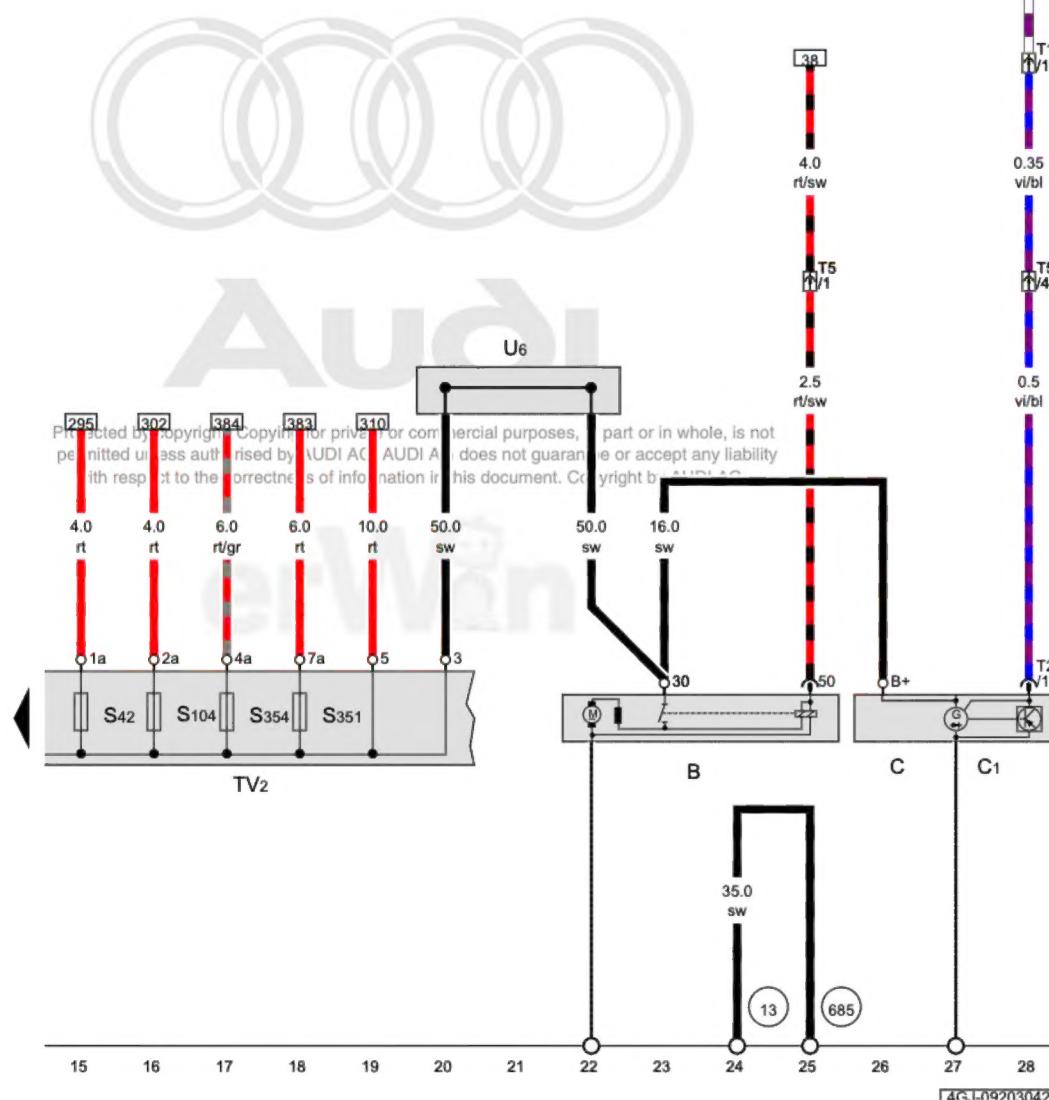
**Battery, Suppressor, Battery Monitoring Control Module,
Battery Interrupt Igniter, Terminal 30 Wire Junction**

<p>A Battery</p> <p>C24 Suppressor</p> <p>J217 Transmission Control Module</p> <p>J234 Airbag Control Module</p> <p>J367 Battery Monitoring Control Module</p> <p>J500 Power Steering Control Module</p> <p>N253 Battery Interrupt Igniter, Near the Battery</p> <p>S113 Automatic Transmission Control Module Fuse</p> <p>S132 Safety Fuse 2</p> <p>S133 Safety Fuse 3</p> <p>T1d 1-Pin Connector, On the Left Front of the Vehicle Floor, Black</p> <p>T2a 2-Pin Connector, Yellow</p> <p>T2b 2-Pin Connector, Yellow</p> <p>TV2 Terminal 30 Wire Junction, In the Center Plenum Chamber</p> <p>T100 100-Pin Connector, Yellow</p>	<p>624 Ground Connection near Starter Battery</p>
<p>B315 Positive Connection 1 (30a) (in Main Wiring Harness)</p>	<p>B710 LIN Bus Connection 5 (in Main Wiring Harness)</p>
<p>D50 Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)</p>	<p>*</p> <p>Refer to Applicable Wiring Diagram</p>
<p>*2 Refer to Applicable Wiring Diagram for Automatic Transmission</p>	<p>*3 Flat Conductor</p>

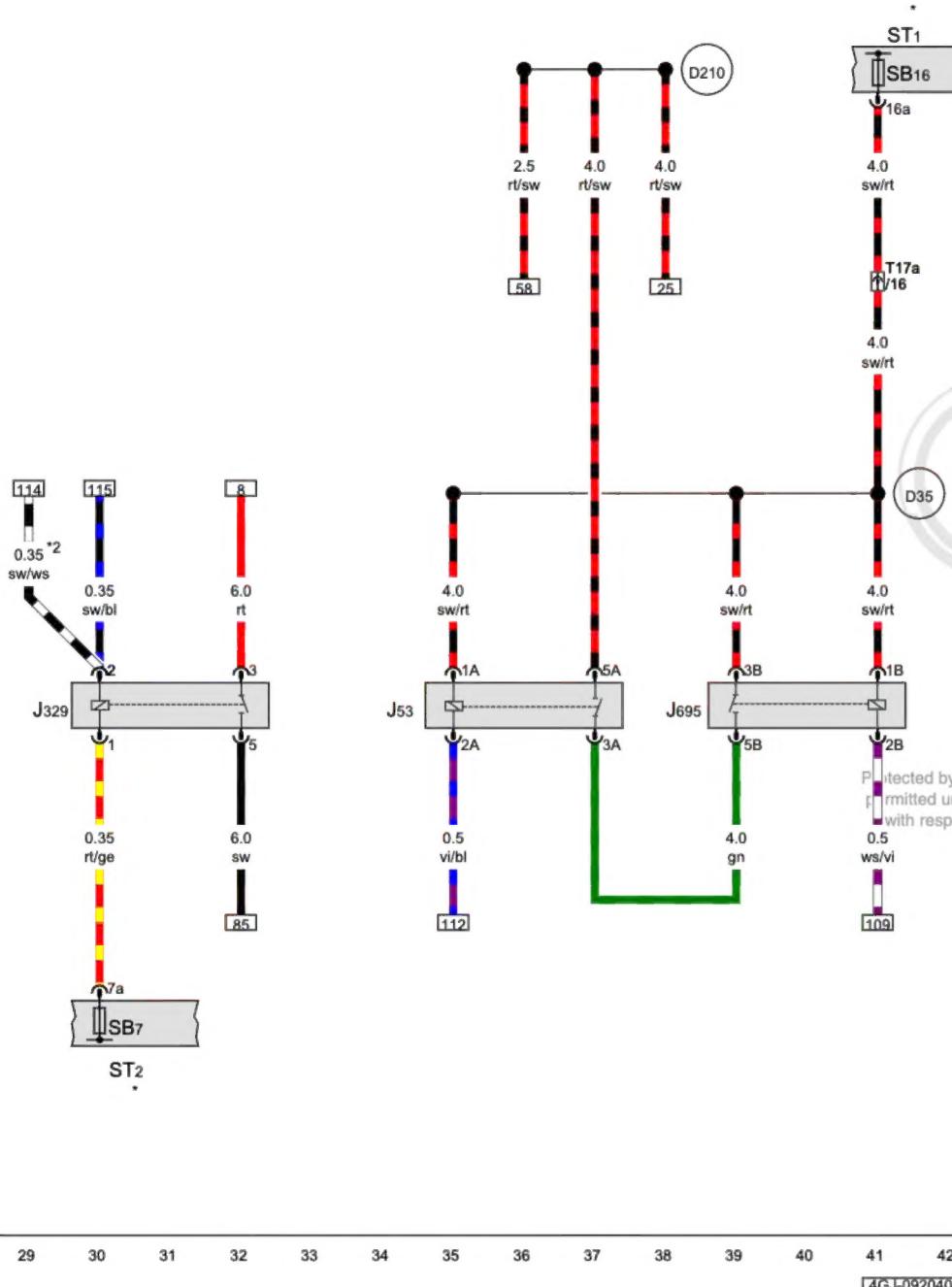
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sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Starter, Generator, Terminal 30 Wire Junction

- B Starter
- C Generator
- C1 Voltage Regulator
- S42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- S351 Catalytic Converter Heating Fuse
- S354 Catalytic Converter Heating Fuse 2
- T2 2-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- TV2 Terminal 30 Wire Junction, In the Center Plenum Chamber
- T5 5-Pin Connector, In the Center Plenum Chamber, Black
- U6 Battery Jump Start Terminal
- 13 Ground Connection in Engine/Motor Compartment, Right
- 685 Ground Connection 1 on Right Front Longitudinal Member



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

J53 Starter Relay
 J329 Terminal 15 Power Supply Relay
 J695 Starter Relay 2
 ST1 Fuse Panel 1
 ST2 Fuse Panel 2
 SB7 Fuse 7 (On Fuse Panel B)
 SB16 Fuse 16 (On Fuse Panel B)
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector
 Station, White

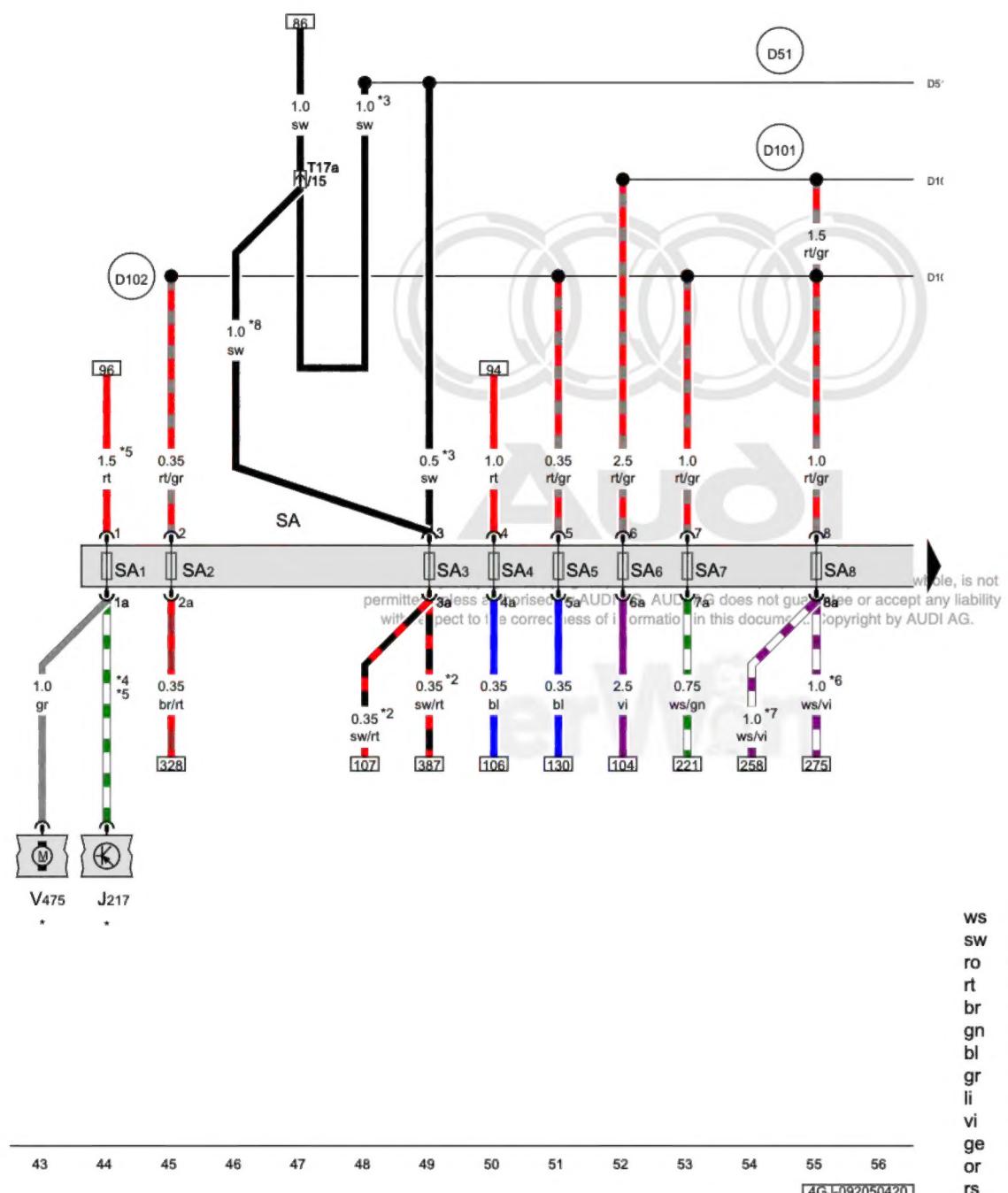
D35 Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)

D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions
 *2 For RHD Vehicles

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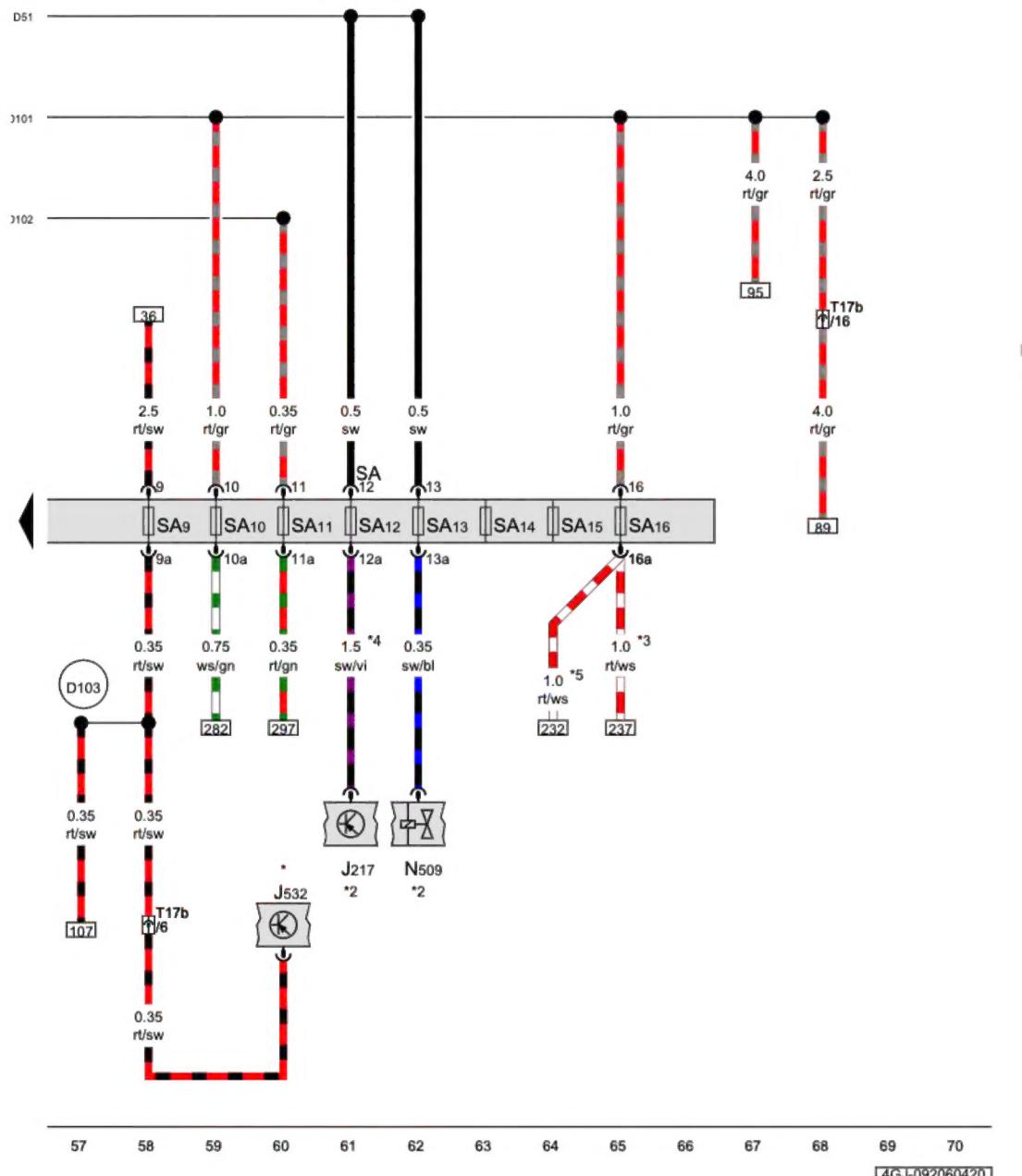
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ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink



Fuse Panel A

- J217 Transmission Control Module
- SA Fuse Panel A
- SA1 Fuse 1 (On Fuse Panel A)
- SA2 Fuse 2 (On Fuse Panel A)
- SA3 Fuse 3 (On Fuse Panel A)
- SA4 Fuse 4 (On Fuse Panel A)
- SA5 Fuse 5 (On Fuse Panel A)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- SA8 Fuse 8 (On Fuse Panel A)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- V475 Transmission Fluid Auxiliary Hydraulic Pump 1
- D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
- D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)
- D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)

- * Refer to Applicable Wiring Diagram for Automatic Transmission Depending on Equipment
- *2 For Vehicles with Automatic Transmission
- *3 For Vehicles with a Manual Transmission
- *4 The Color of the Wires Depends on Vehicle Equipment
- *5 Diameter Depends on Equipment
- *6 For USA Only
- *7 Not for USA
- *8 For Vehicles with a Manual Transmission



Fuse Panel A

- J217 Transmission Control Module
- J532 Voltage Stabilizer
- N509 Transmission Fluid Cooling Valve
- SA Fuse Panel A
- SA9 Fuse 9 (On Fuse Panel A)
- SA10 Fuse 10 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- SA13 Fuse 13 (On Fuse Panel A)
- SA14 Fuse 14 (On Fuse Panel A)
- SA15 Fuse 15 (On Fuse Panel A)
- SA16 Fuse 16 (On Fuse Panel A)
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red

D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)

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D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)

D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)

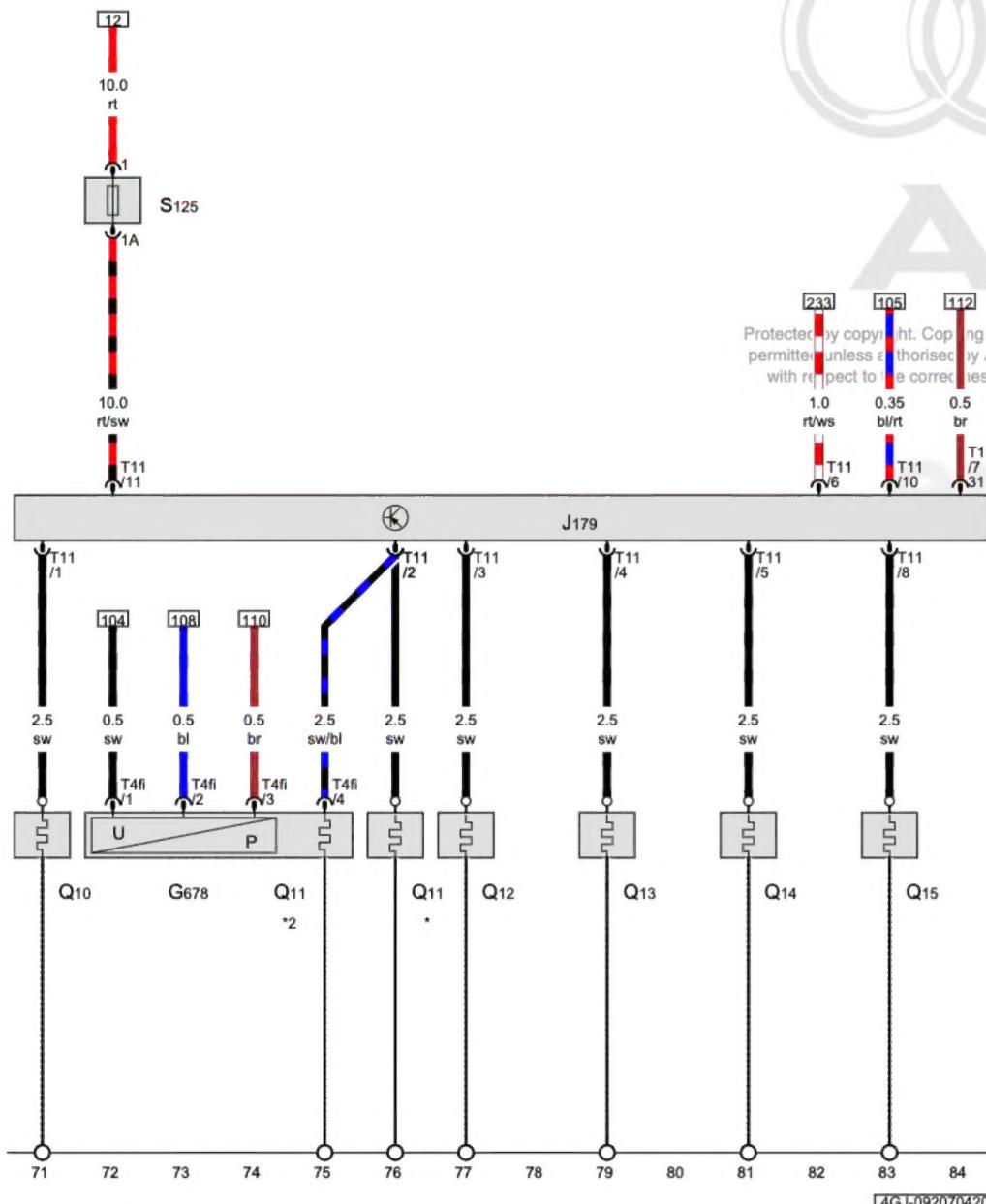
D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)

- * For Vehicles with Start/Stop System
- *2 Refer to Applicable Wiring Diagram for Automatic Transmission
- *3 Omitted as a Running Change
- *4 Diameter Depends on Equipment
- *5 Running Change

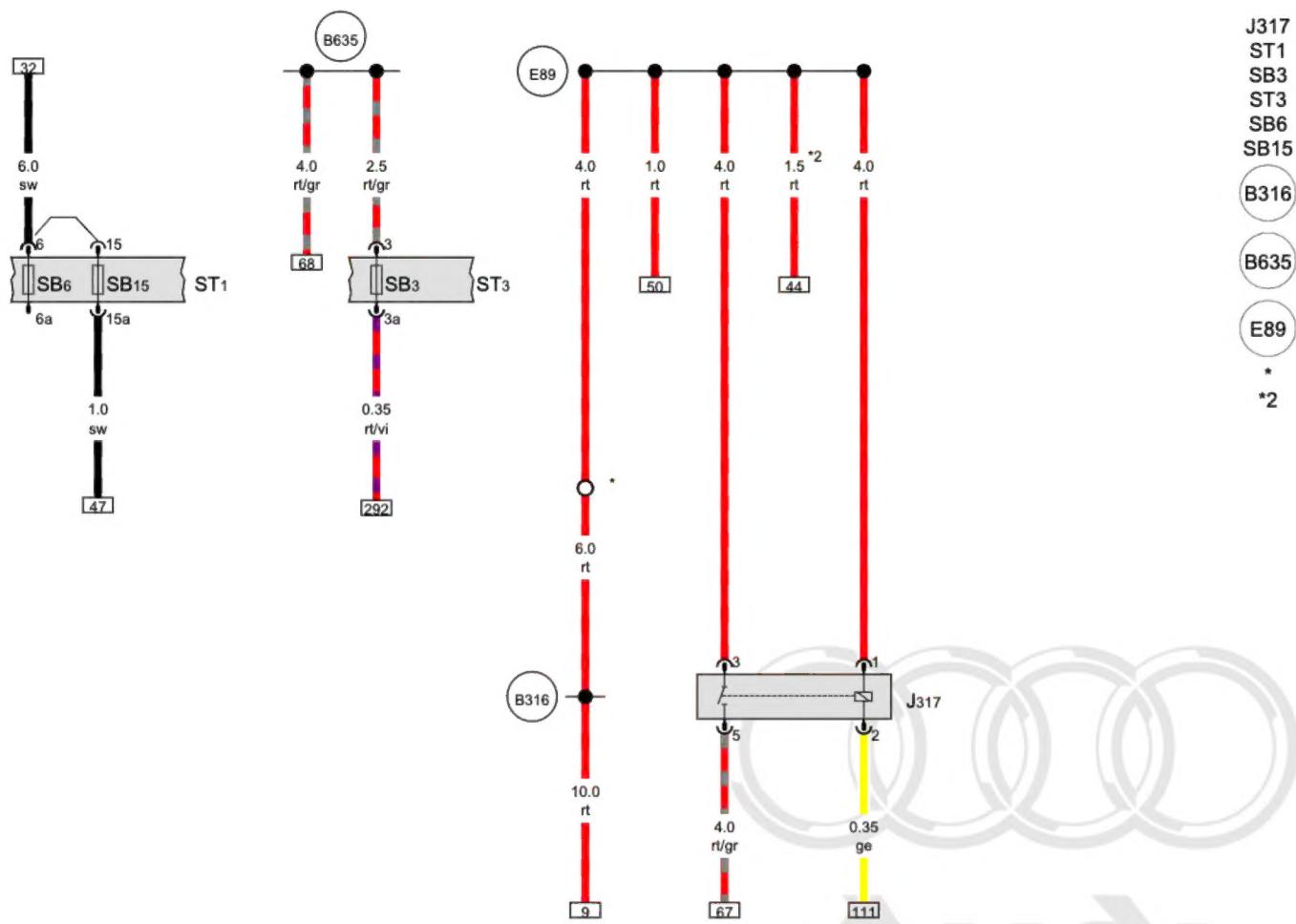
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Cylinder 2 Combustion Chamber Pressure Sensor,
Automatic Glow Time Control Module

G678	Cylinder 2 Combustion Chamber Pressure Sensor
J179	Automatic Glow Time Control Module
Q10	Glow Plug 1
Q11	Glow Plug 2
Q12	Glow Plug 3
Q13	Glow Plug 4
Q14	Glow Plug 5
Q15	Glow Plug 6
S125	Glow Plug Fuse
T4fi	4-Pin Connector, Black
T11	11-Pin Connector, Black
*	Not for USA
*2	For USA Only



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Terminal 30 Power Supply Relay

J317 Terminal 30 Power Supply Relay

ST1 Fuse Panel 1

SB3 Fuse 3 (On Fuse Panel B)

ST3 Fuse Panel 3

SB6 Fuse 6 (On Fuse Panel B)

SB15 Fuse 15 (On Fuse Panel B)

B316 Positive Connection 2 (30a) (in Main Wiring Harness)

B635 Positive Connection 3 (87) (in Main Wiring Harness)

E89 Positive Connection (30a) (in Engine Wiring Harness)

* Threaded Connection in the Plenum Chamber E-Box

*2 Diameter Depends on Equipment

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

li = lilac

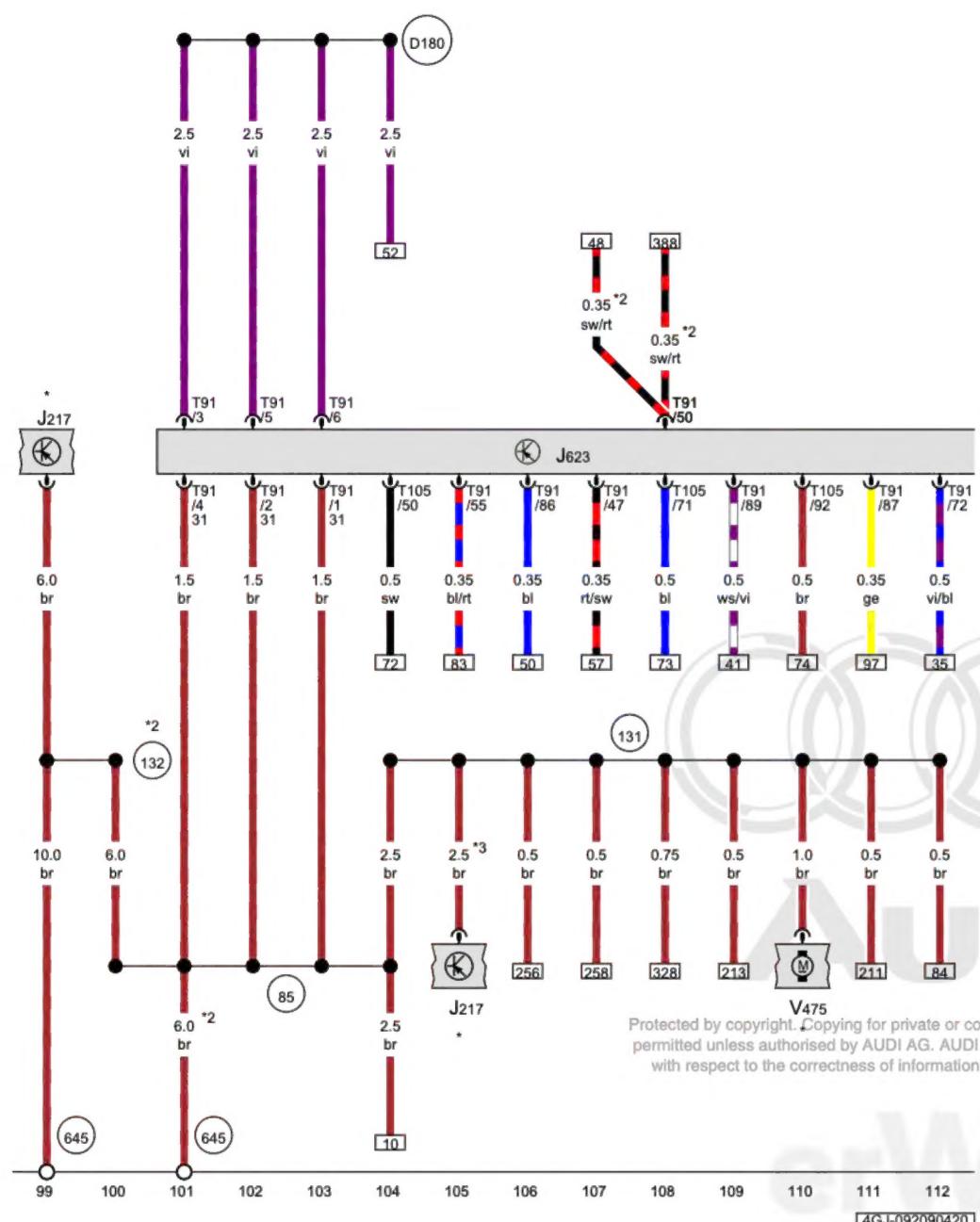
vi = lilac

ge = yellow

or = orange

rs = pink

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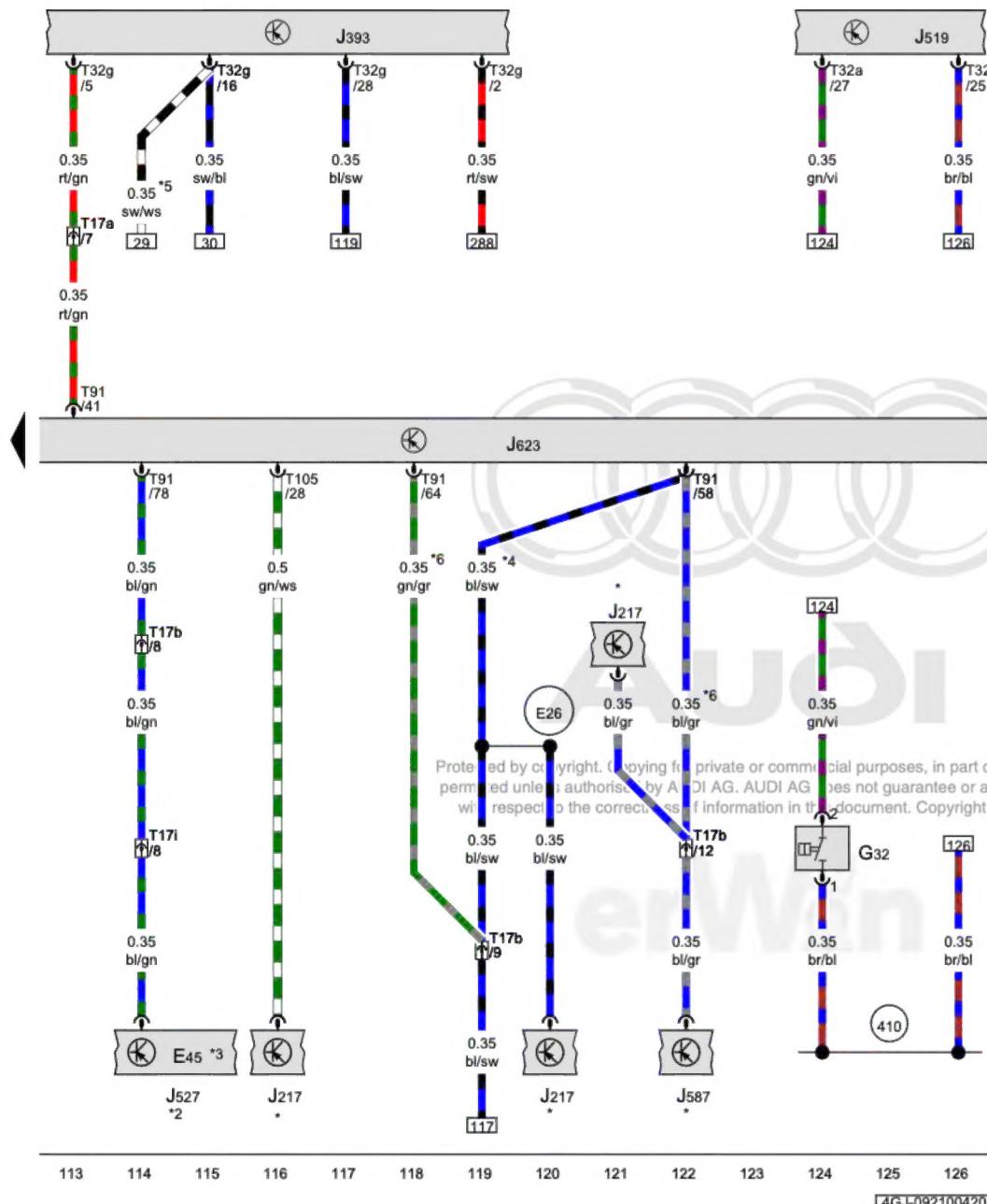
Engine/Motor Control Module

- J217 Transmission Control Module
- J623 Engine/Motor Control Module
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V475 Transmission Fluid Auxiliary Hydraulic Pump 1
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 132 Ground Connection 3 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)

* Refer to Applicable Wiring Diagram for Automatic Transmission
 *2 Depending on Equipment
 *3 Diameter Depends on Equipment

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Engine Coolant Level Sensor, Vehicle Electrical System
Control Module, Engine/Motor Control Module



E45 Cruise Control Switch
G32 Engine Coolant Level Sensor
J217 Transmission Control Module
J393 Comfort System Central Control Module
J519 Vehicle Electrical System Control Module
J527 Steering Column Electronics Control Module
J587 Selector Lever Sensor System Control Module
J623 Engine/Motor Control Module
T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
T32a 32-Pin Connector, Black
T32g 32-Pin Connector, Gray
T91 91-Pin Connector, Black
T105 105-Pin Connector, Black

410 Sensor Ground Connection 1 (in Main Wiring Harness)

E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)

- * Refer to Applicable Wiring Diagram for Automatic Transmission
- *2 Refer to Applicable Wiring Diagram for Multifunction Steering Wheel
- *3 For Vehicles with Cruise Control System
- *4 For Vehicles with Automatic Transmission
- *5 For RHD Vehicles
- *6 For Vehicles with a Manual Transmission

Mass Airflow Sensor, Engine/Motor Control Module,
Cylinder 1 Fuel Injector

G70 Mass Airflow Sensor

J623 Engine/Motor Control Module

N30 Cylinder 1 Fuel Injector

N31 Cylinder 2 Fuel Injector

N32 Cylinder 3 Fuel Injector

N33 Cylinder 4 Fuel Injector

N83 Cylinder 5 Fuel Injector

N84 Cylinder 6 Fuel Injector

T2eh 2-Pin Connector

T2ei 2-Pin Connector

T2ek 2-Pin Connector

T2el 2-Pin Connector

T2em 2-Pin Connector

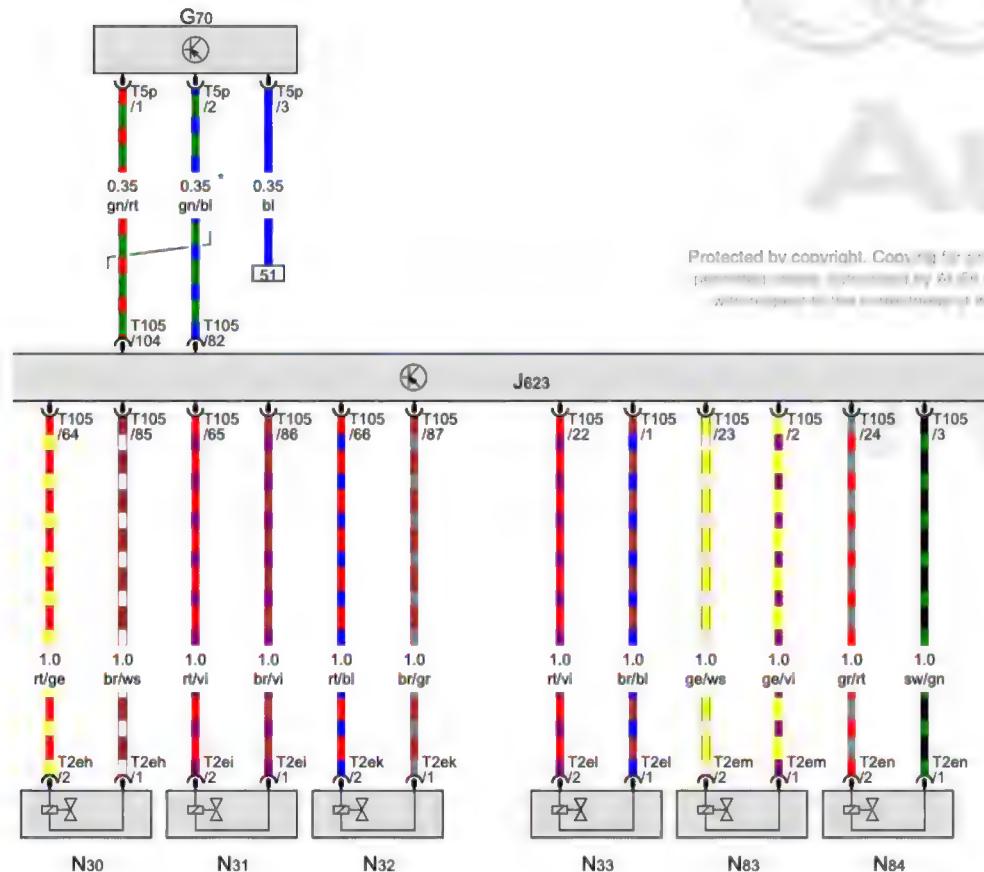
T2en 2-Pin Connector

T5p 5-Pin Connector, Black

T105 105-Pin Connector, Black

* The Color of the Wires Depends on Vehicle Equipment

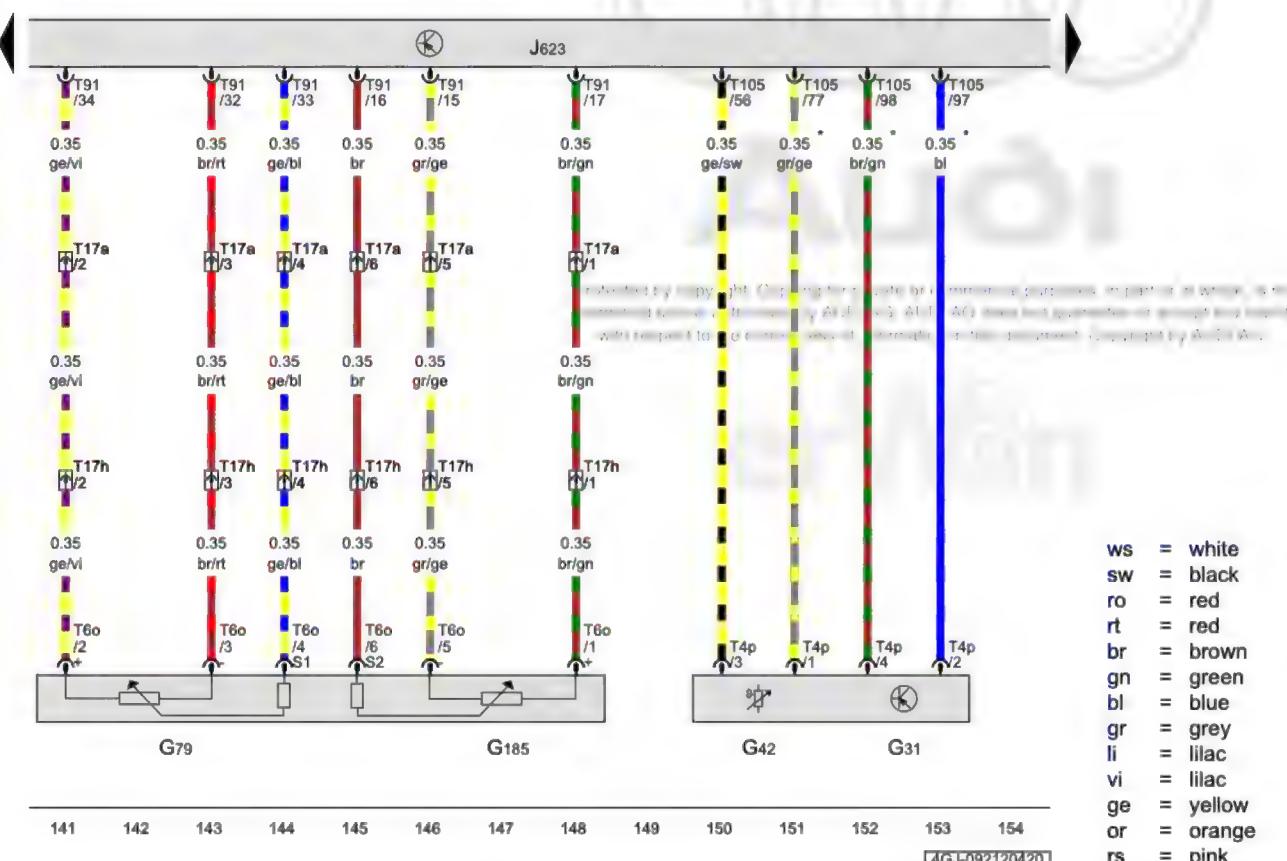
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ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Charge Air Pressure Sensor, Intake Air Temperature Sensor, Accelerator Pedal Position Sensor, Engine/Motor Control Module

G31 Charge Air Pressure Sensor
 G42 Intake Air Temperature Sensor
 G79 Accelerator Pedal Position Sensor
 G185 Accelerator Pedal Position Sensor 2
 J623 Engine/Motor Control Module
 T4p 4-Pin Connector, Black
 T6o 6-Pin Connector, Black
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
 T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
 T91 91-Pin Connector, Black
 T105 105-Pin Connector, Black
 * The Color of the Wires Depends on Vehicle Equipment



Fuel Pressure Sensor, Throttle Valve Control Module,
Engine/Motor Control Module, Intake Flap Motor

G247 Fuel Pressure Sensor

J338 Throttle Valve Control Module

J623 Engine/Motor Control Module

T3g 3-Pin Connector, Black

T5w 5-Pin Connector, Black

T5x 5-Pin Connector, Black

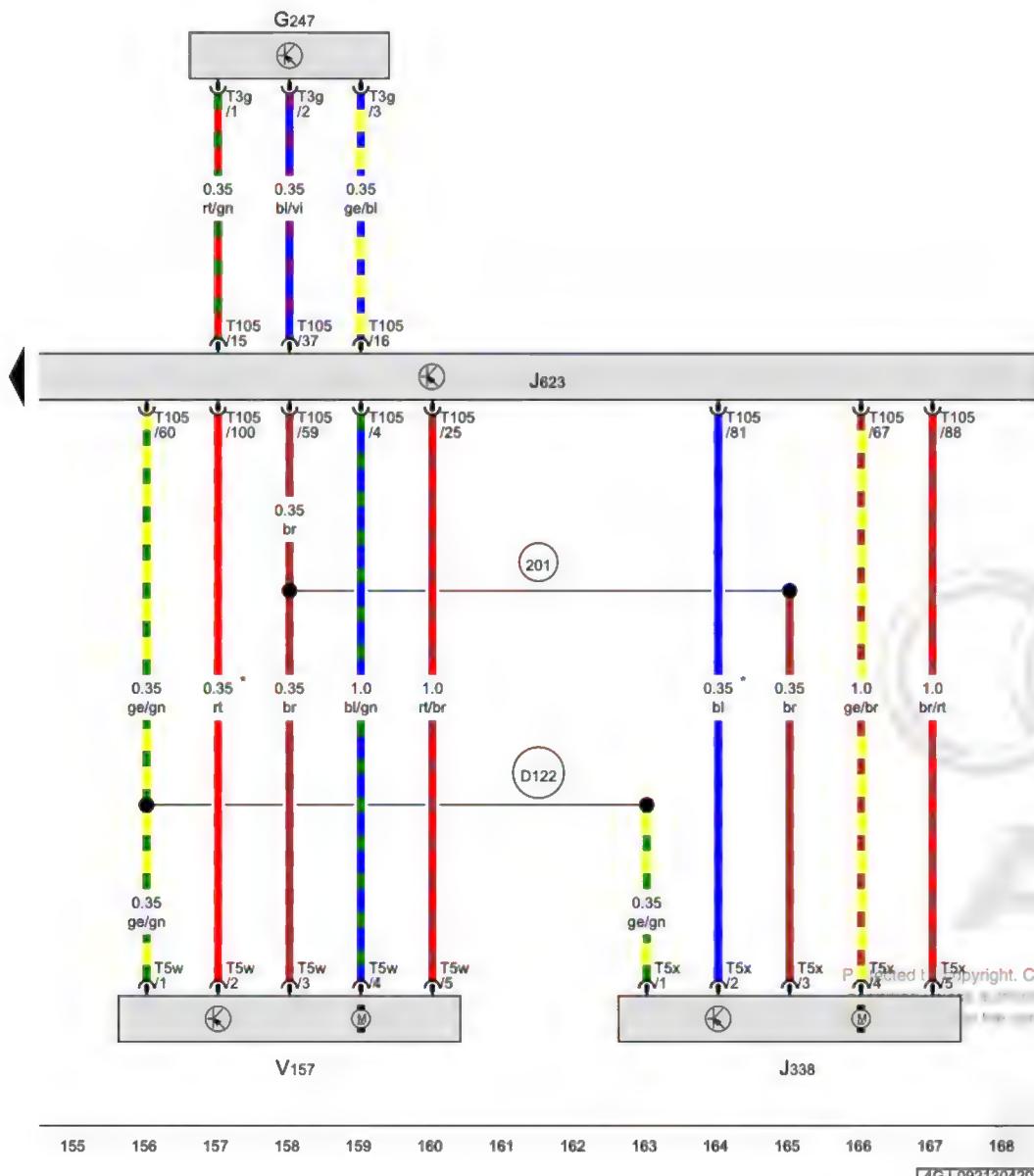
T105 105-Pin Connector, Black

V157 Intake Flap Motor

(201) Ground Connection 5 (in Engine/Motor Compartment Wiring Harness)

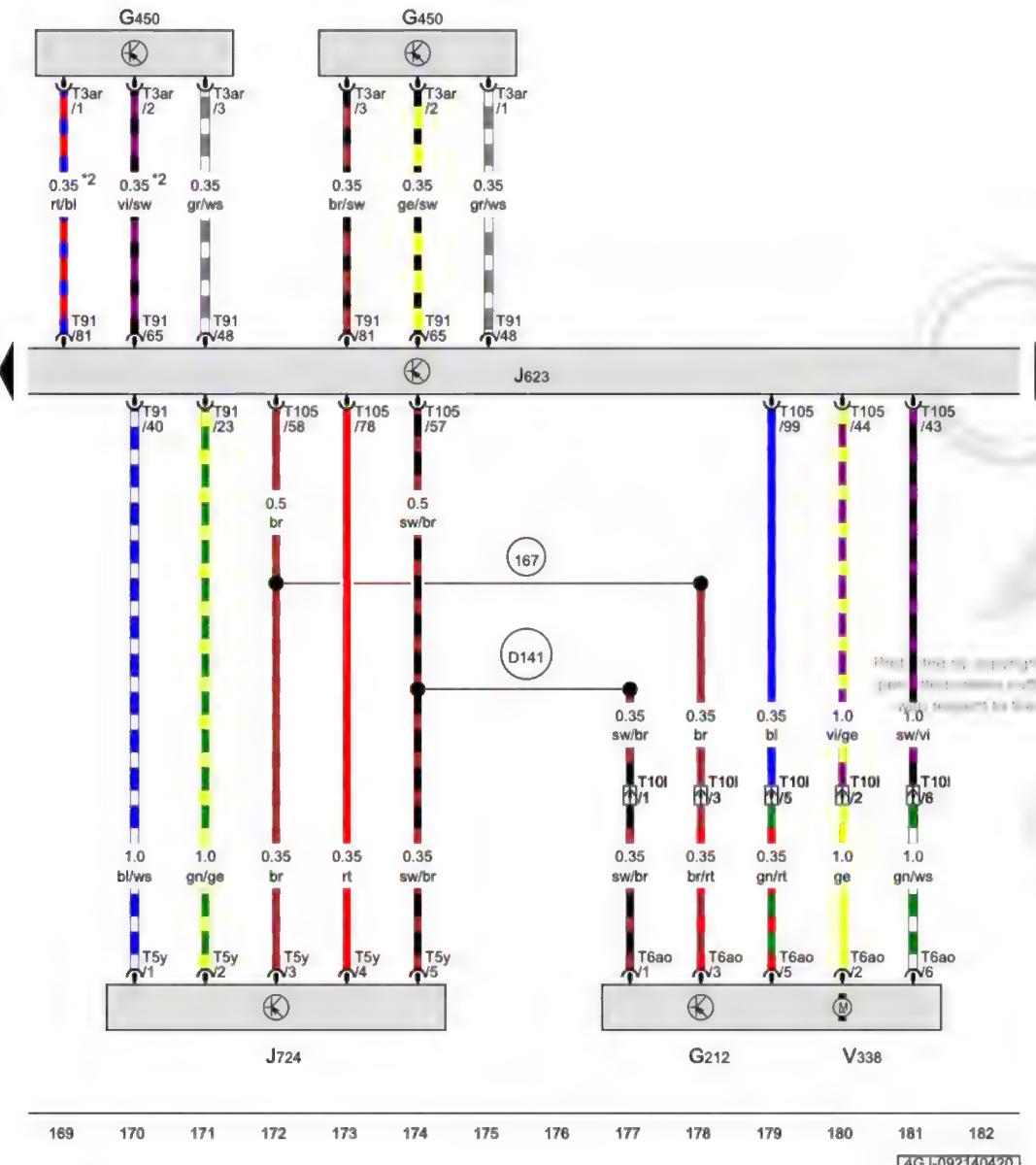
(D122) Connection 20 (in Engine/Motor Compartment Wiring Harness)

* The Color of the Wires Depends on Vehicle Equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Exhaust Pressure Sensor 1, Engine/Motor Control Module,
Turbocharger Control Module 1, EGR Motor



G212 EGR Potentiometer

G450 Exhaust Pressure Sensor 1

J623 Engine/Motor Control Module

J724 Turbocharger Control Module 1

T3ar 3-Pin Connector, Black

T5y 5-Pin Connector, Black

T6ao 6-Pin Connector, Gray

T10I 10-Pin Connector, In the Engine/Motor Compartment, Right, Black

T91 91-Pin Connector, Black

T105 105-Pin Connector, Black

V338 EGR Motor

167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)

D141 Connection 5V (in Engine Pre-Wiring Harness)

* For USA Only

*2 The Color of the Wires Depends on Vehicle Equipment

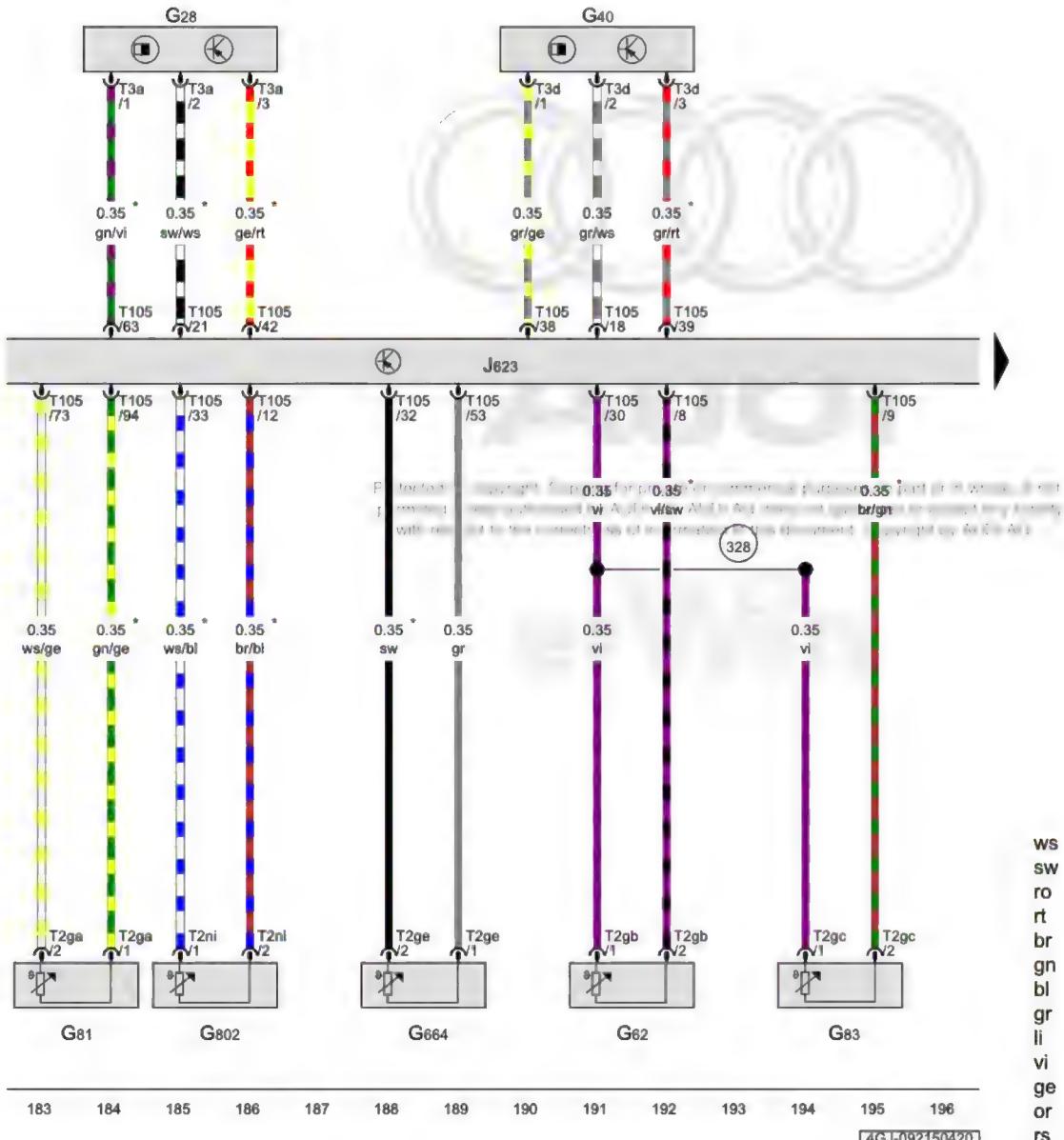
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Engine Speed Sensor, Camshaft Position Sensor, Engine Coolant Temperature Sensor, Fuel Temperature Sensor, Engine Coolant Temperature Sensor on Radiator Outlet, Oil Temperature Sensor 2, Coolant Temperature Sensor 2, Engine/Motor Control Module

G28	Engine Speed Sensor
G40	Camshaft Position Sensor
G62	Engine Coolant Temperature Sensor
G81	Fuel Temperature Sensor
G83	Engine Coolant Temperature Sensor on Radiator Outlet
G664	Oil Temperature Sensor 2
G802	Coolant Temperature Sensor 2
J623	Engine/Motor Control Module
T2ga	2-Pin Connector
T2gb	2-Pin Connector
T2gc	2-Pin Connector
T2ge	2-Pin Connector
T2ni	2-Pin Connector
T3a	3-Pin Connector, Black
T3d	3-Pin Connector, Black
T105	105-Pin Connector, Black

328 Sensor Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)

* The Color of the Wires Depends on Vehicle Equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

EGR Temperature Sensor, Exhaust Gas Temperature Sensor 1, Exhaust Gas Temperature Sensor 4, Engine/Motor Control Module

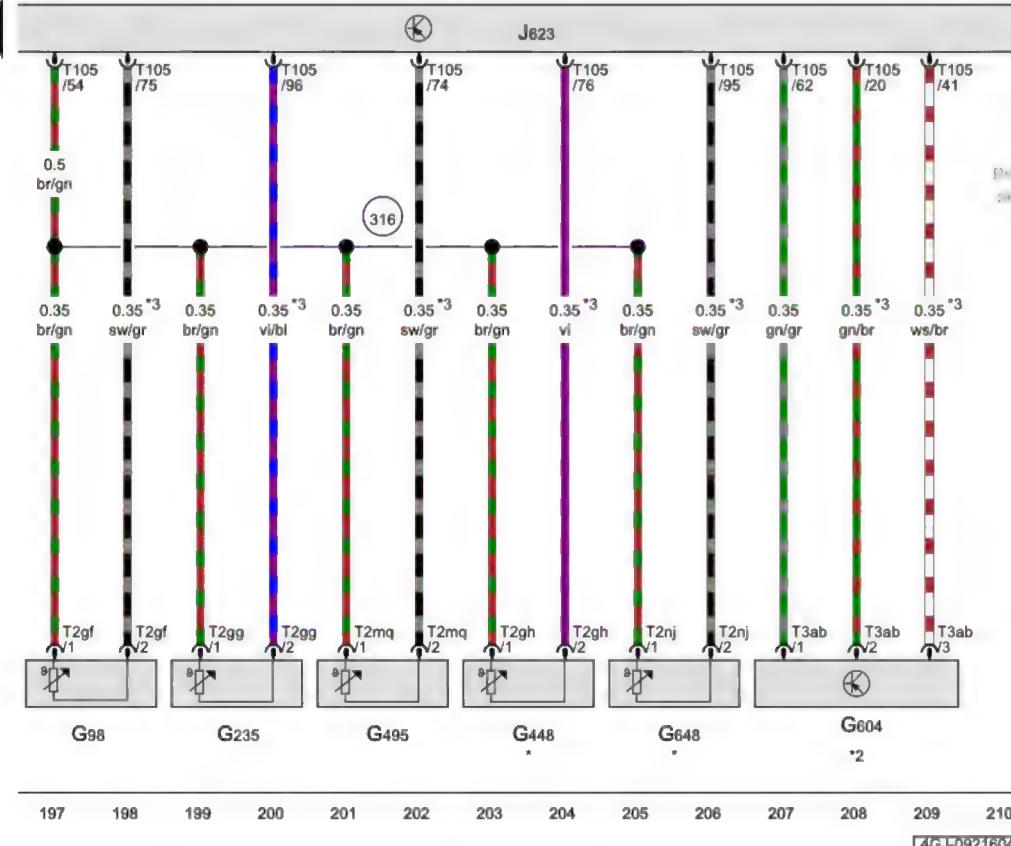
G98 EGR Temperature Sensor
 G235 Exhaust Gas Temperature Sensor 1
 G448 Exhaust Gas Temperature Sensor 2
 G495 Exhaust Gas Temperature Sensor 3
 G604 Gear Recognition Sensor
 G648 Exhaust Gas Temperature Sensor 4
 J623 Engine/Motor Control Module
 T2gf 2-Pin Connector
 T2gg 2-Pin Connector
 T2gh 2-Pin Connector
 T2mq 2-Pin Connector
 T2nj 2-Pin Connector
 T3ab 3-Pin Connector, Black
 T105 105-Pin Connector, Black

316 Sensor Ground Connection 2 (in Engine Wiring Harness)

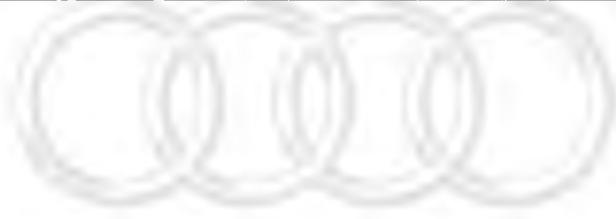
* Not with Emissions Standard Euro 4

*2 For Vehicles with a Manual Transmission

*3 The Color of the Wires Depends on Vehicle Equipment



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



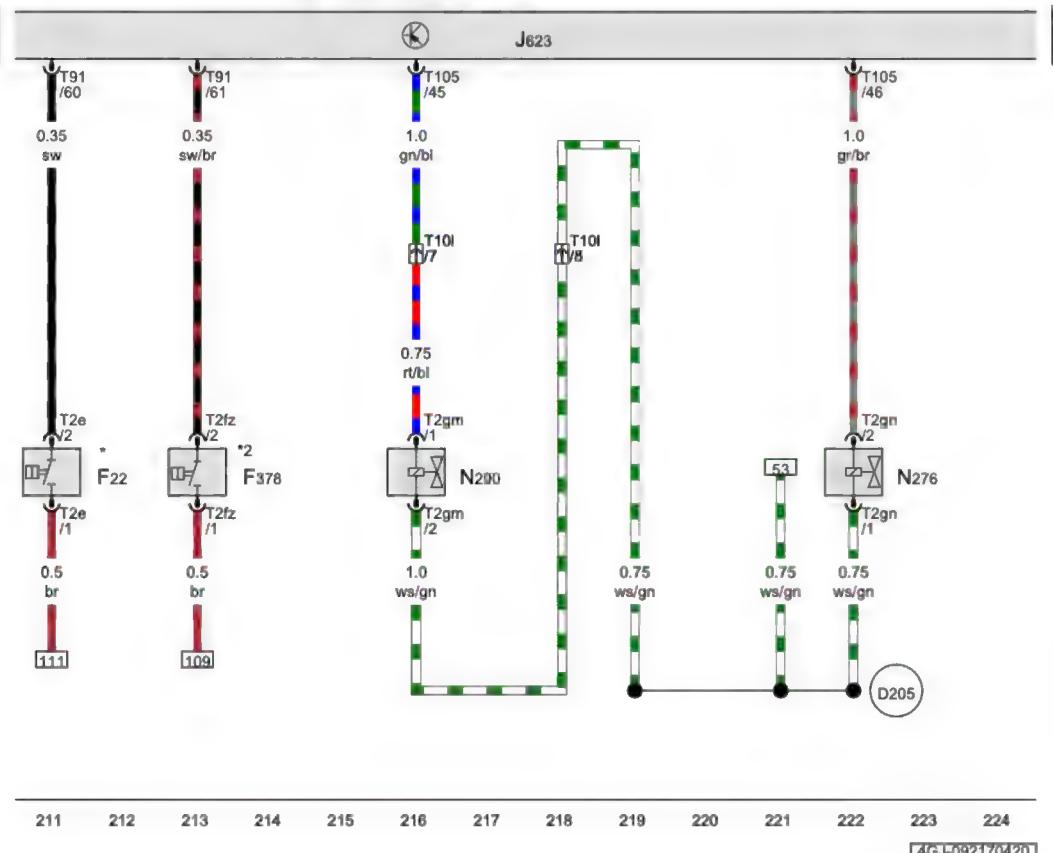
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Oil Pressure Switch, Reduced Oil Pressure Switch, Engine/Motor Control Module, Fuel Pressure Regulator Valve, Fuel Metering Valve

- F22 Oil Pressure Switch
- F378 Reduced Oil Pressure Switch
- J623 Engine/Motor Control Module
- N276 Fuel Pressure Regulator Valve
- N290 Fuel Metering Valve
- T2e 2-Pin Connector
- T2fz 2-Pin Connector
- T2gm 2-Pin Connector
- T2gn 2-Pin Connector
- T10I 10-Pin Connector, In the Engine/Motor Compartment, Right, Black
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

D205 Connection 87A (in Engine Pre-Wiring Harness) 3

- * 2.6 Bar
- *2 0.9 Bar



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

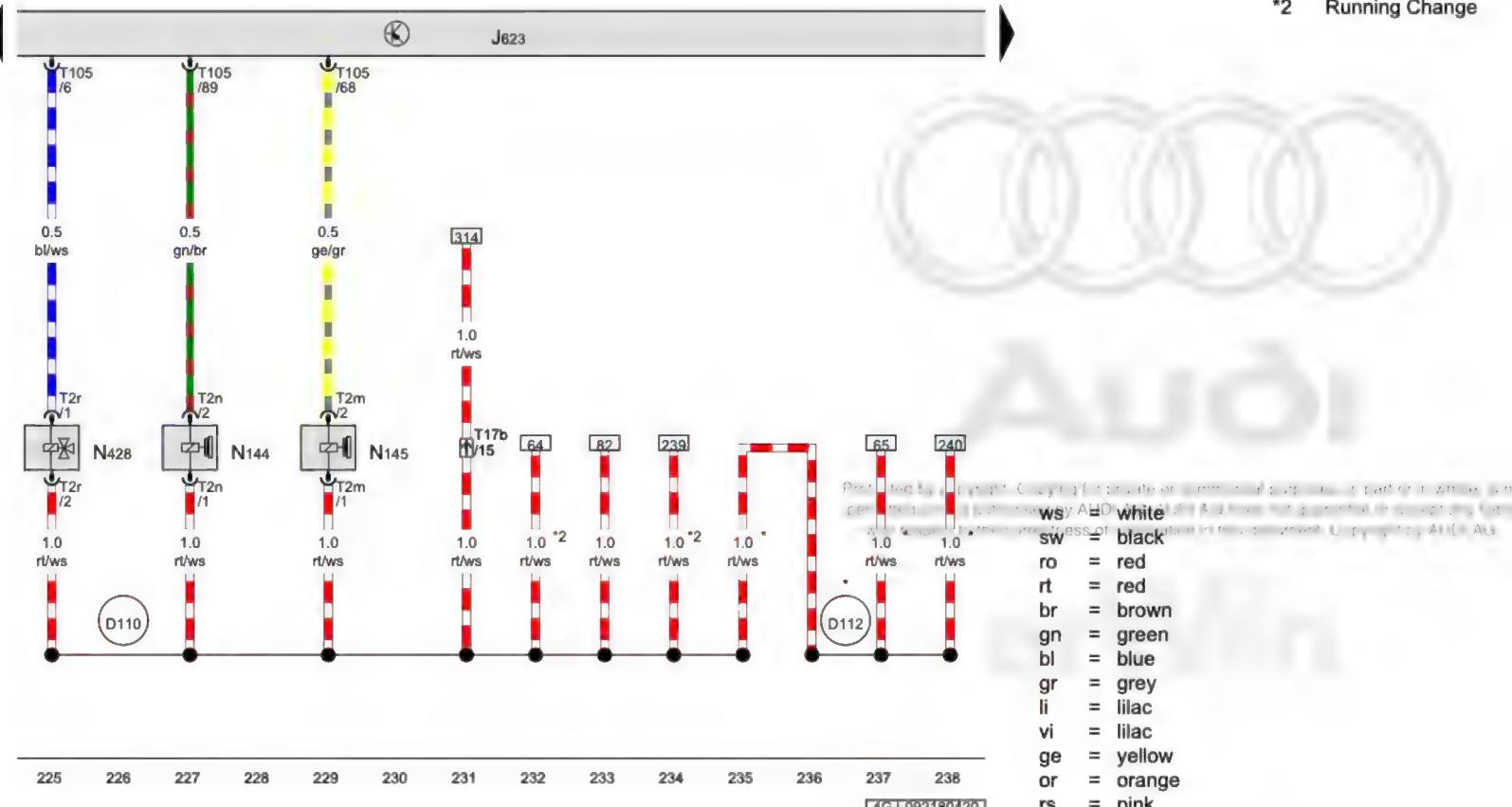
Engine/Motor Control Module, Left Electrohydraulic Engine Mount Solenoid Valve, Oil Pressure Regulation Valve

J623 Engine/Motor Control Module
 N144 Left Electrohydraulic Engine Mount Solenoid Valve
 N145 Right Electrohydraulic Engine Mount Solenoid Valve
 N428 Oil Pressure Regulation Valve
 T2m 2-Pin Connector
 T2n 2-Pin Connector
 T2r 2-Pin Connector
 T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
 T105 105-Pin Connector, Black

D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)

D112 Connection 10 (in Engine/Motor Compartment Wiring Harness)

* Omitted as a Running Change
 *2 Running Change



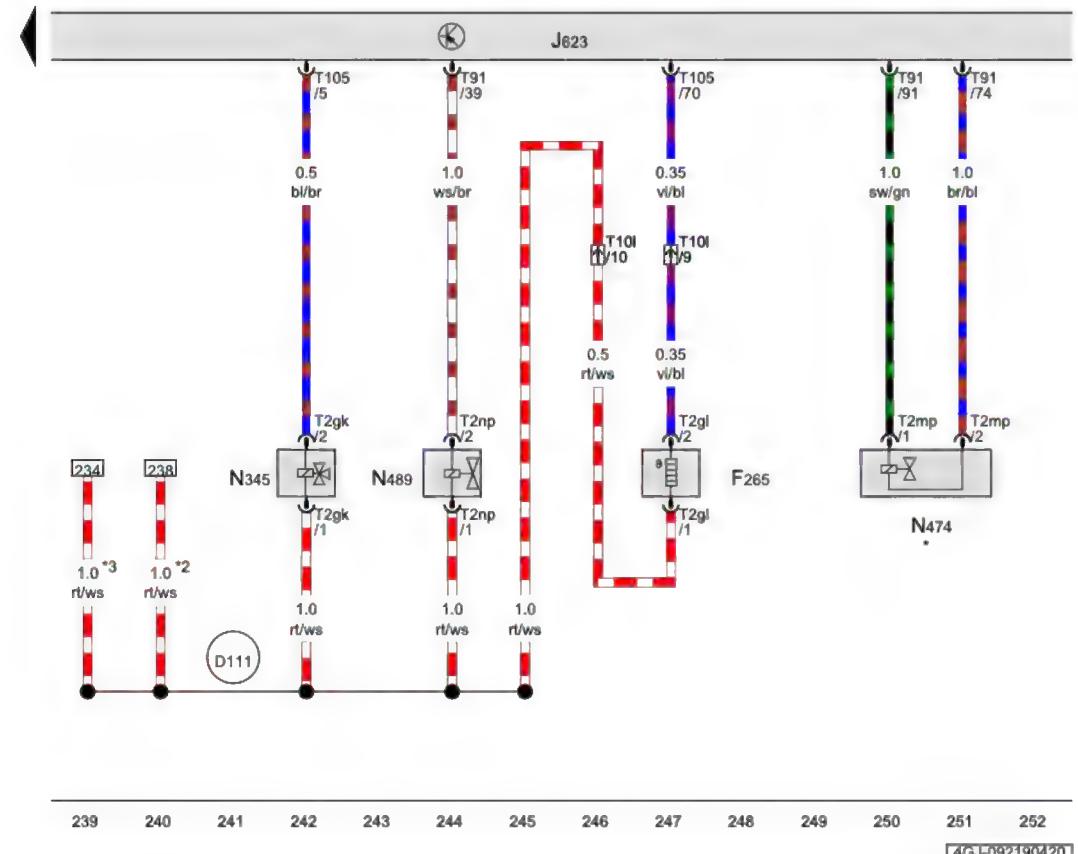
Engine/Motor Control Module, EGR Cooler Switch-Over Valve, Reducing Agent Injector, Cylinder Head Coolant Valve

F265	Map Controlled Engine Cooling Thermostat
J623	Engine/Motor Control Module
N345	EGR Cooler Switch-Over Valve
N474	Reducing Agent Injector
N489	Cylinder Head Coolant Valve
T2gk	2-Pin Connector
T2gl	2-Pin Connector
T2mp	2-Pin Connector
T2np	2-Pin Connector
T10I	10-Pin Connector, In the Engine/Motor Compartment, Right, Black
T91	91-Pin Connector, Black
T105	105-Pin Connector, Black

D111 Connection 9 (In/Engine/Motor Compartment Wiring Harness)

D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)

- * Not with Emissions Standard Euro 4
- *2 Omitted as a Running Change
- *3 Running Change



ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Engine/Motor Control Module, NOx Sensor Control Module 2

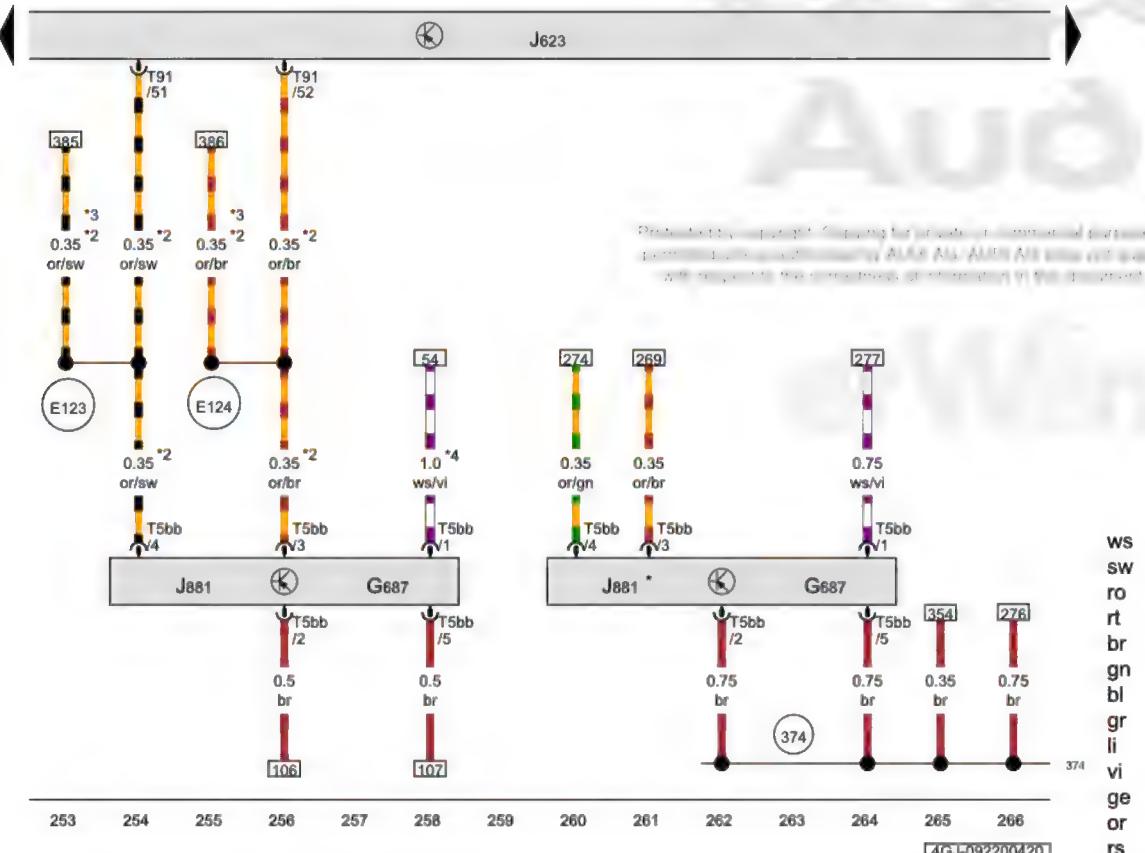
G687 NOx Sensor 2
 J623 Engine/Motor Control Module
 J881 NOx Sensor Control Module 2
 T5bb 5-Pin Connector
 T91 91-Pin Connector, Black

374 Ground Connection 9 (in Main Wiring Harness)

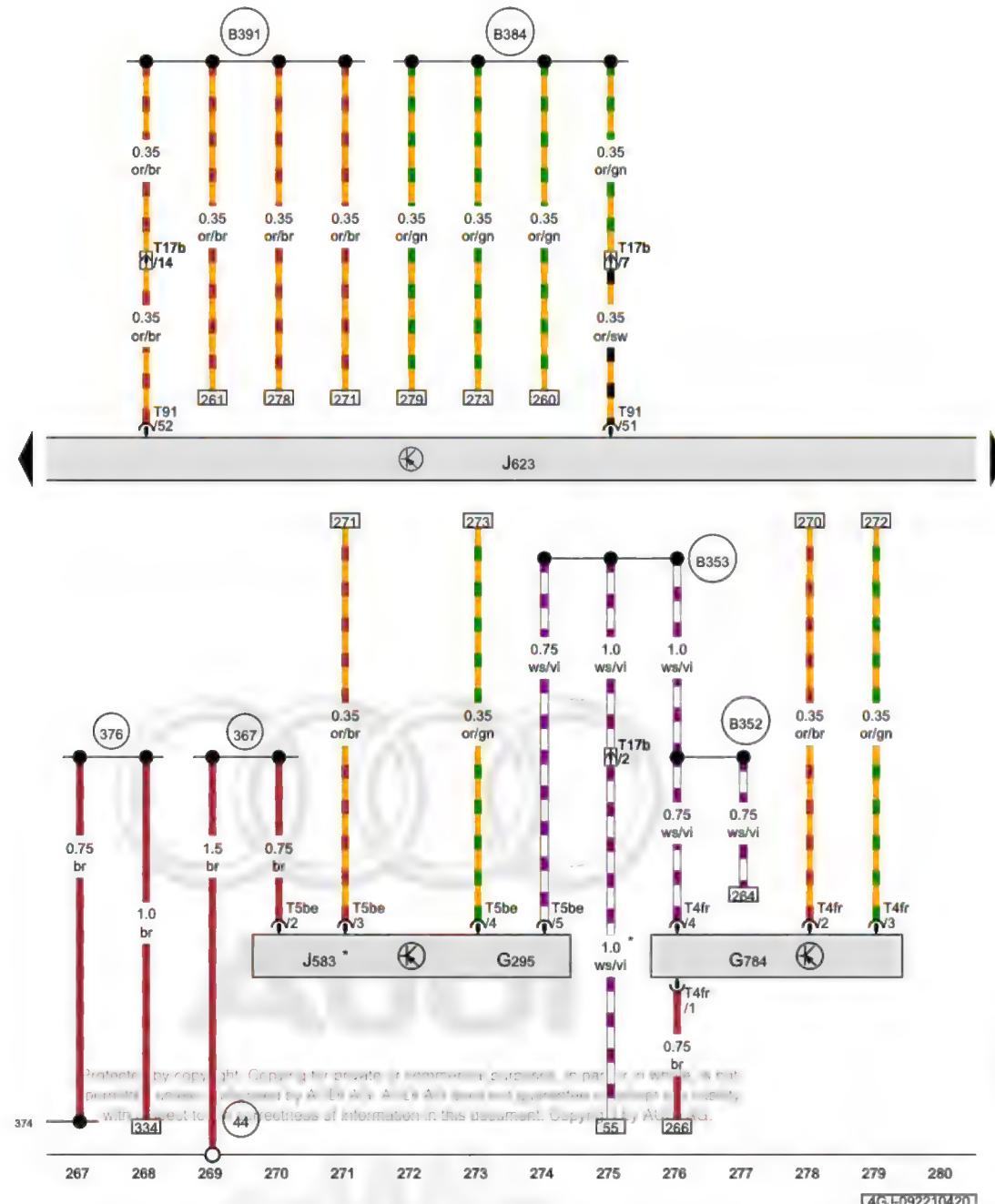
E123 CAN Bus Drive High Connection 1 (in Engine Wiring Harness)

E124 CAN Bus Drive Low Connection 1 (in Engine Wiring Harness)

* For USA Only
 *2 Data Bus Wire (CAN Bus)
 *3 Depending on Equipment
 *4 Not for USA



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Particulate Sensor, NOx Sensor Control Module, Engine/
Motor Control Module

- G295 NOx Sensor
- G784 Particulate Sensor
- J583 NOx Sensor Control Module
- J623 Engine/Motor Control Module
- T4fr 4-Pin Connector
- T5be 5-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- 44 Ground Connection on A-Pillar, Lower Left
- 367 Ground Connection 2 (in Main Wiring Harness)
- 374 Ground Connection 9 (in Main Wiring Harness)
- 376 Ground Connection 11 (in Main Wiring Harness)
- B352 Positive Connection 3 (87a) (in Main Wiring Harness)
- B353 Positive Connection 4 (87a) (in Main Wiring Harness)
- B384 Powertrain CAN Bus High Connection 2 (in Main Wiring Harness)
- B391 Powertrain CAN Bus Low Connection 2 (in Main Wiring Harness)

* For USA Only

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

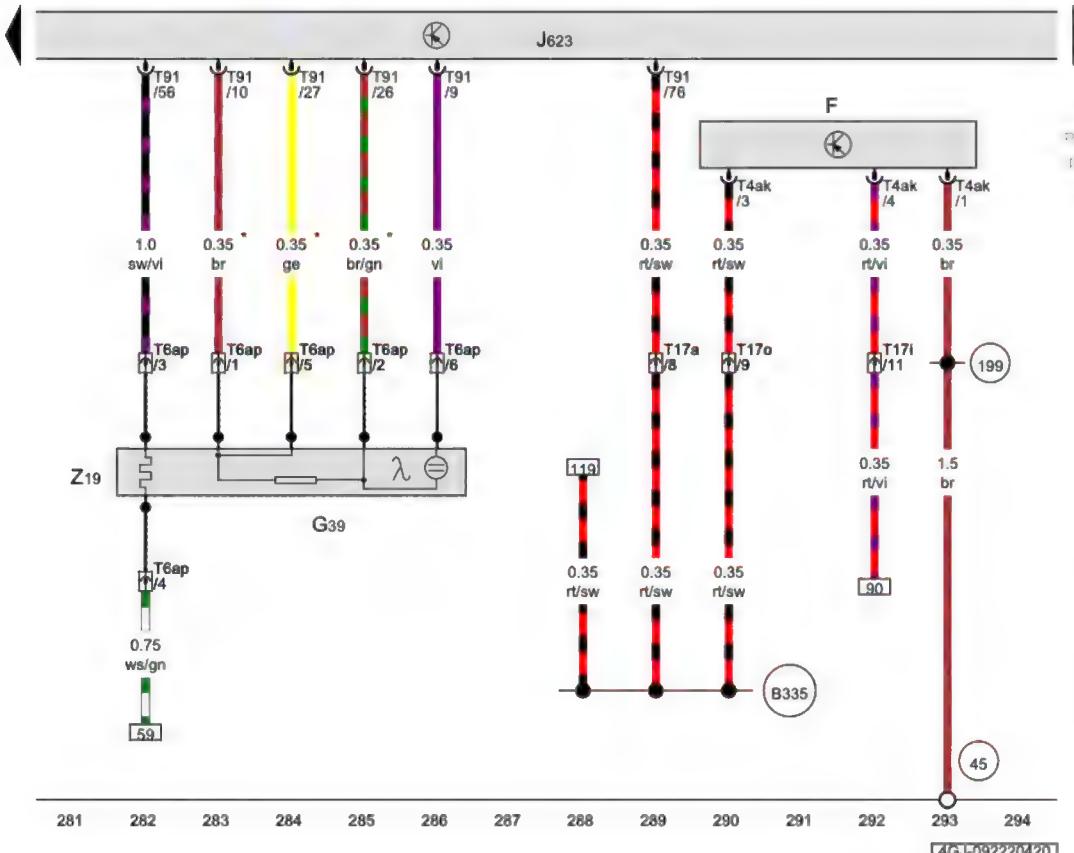
Brake Lamp Switch, Heated Oxygen Sensor, Engine/Motor Control Module, Oxygen Sensor Heater

F Brake Lamp Switch
 G39 Heated Oxygen Sensor
 J623 Engine/Motor Control Module
 T4ak 4-Pin Connector, Black
 T6ap 6-Pin Connector, Brown
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
 T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
 T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
 T91 91-Pin Connector, Black
 Z19 Oxygen Sensor Heater

45 Ground Connection Behind Instrument Panel, Center
 199 Ground Connection 3 (in Instrument Panel Wiring Harness)

B335 Connection 54 (in Main Wiring Harness) 1

* The Color of the Wires Depends on Vehicle Equipment



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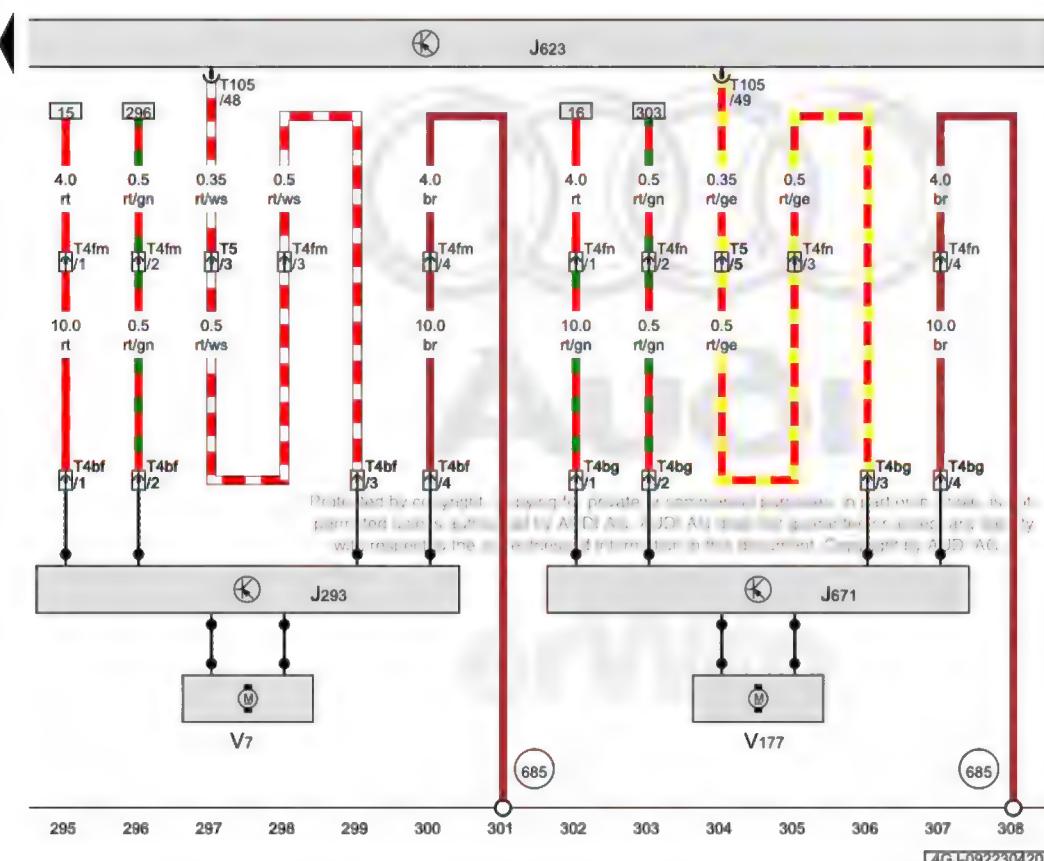
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Radiator Fan Control Module, Engine/Motor Control Module, Radiator Fan Control Module 2

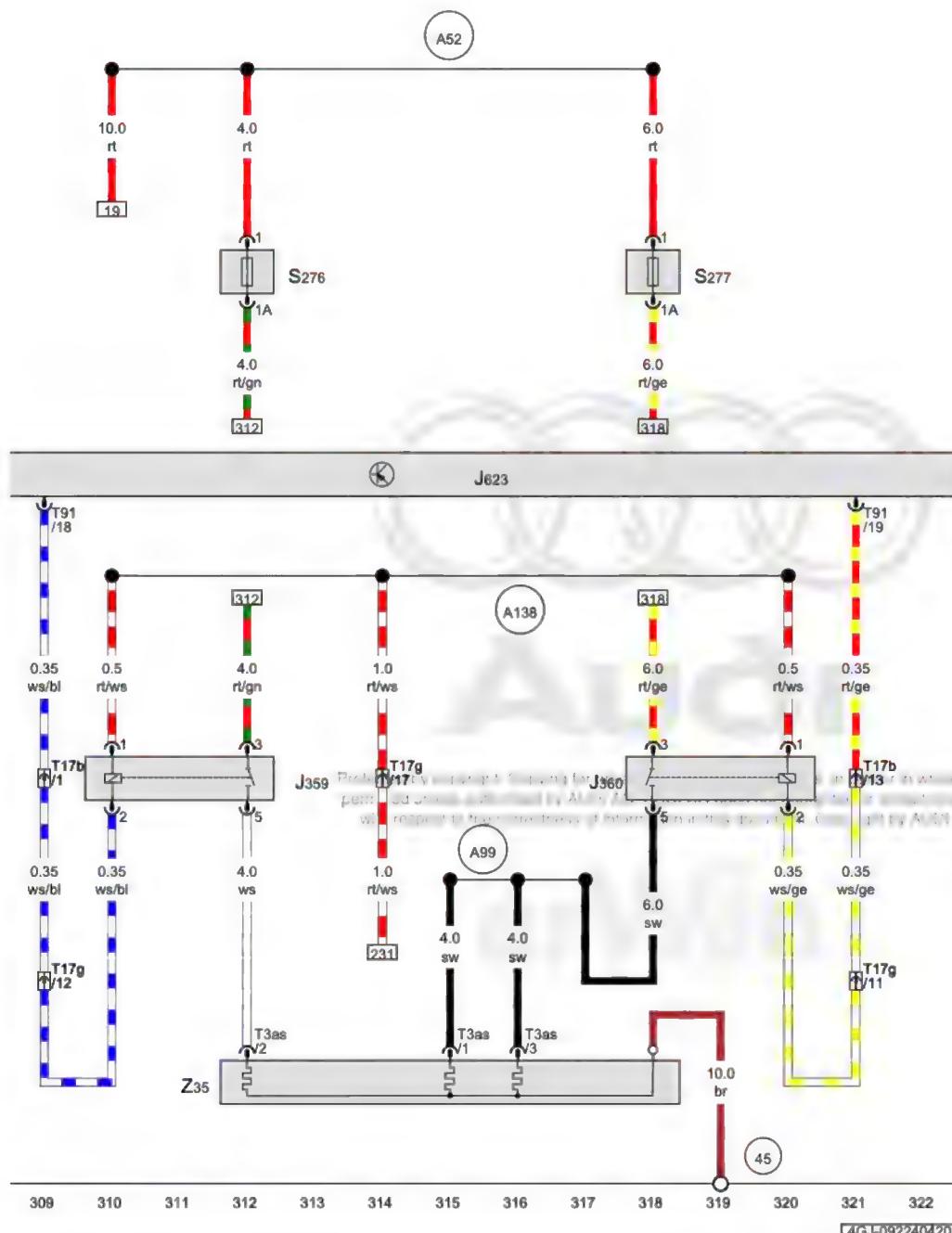
J293 Radiator Fan Control Module
 J623 Engine/Motor Control Module
 J671 Radiator Fan Control Module 2
 T4bf 4-Pin Connector, On the Radiator Fan, Black
 T4bg 4-Pin Connector, On the Radiator Fan, Black
 T4fm 4-Pin Connector, Near the Radiator Fan
 T4fn 4-Pin Connector, Near the Radiator Fan
 T5 5-Pin Connector, In the Center Plenum Chamber, Black
 T105 105-Pin Connector, Black
 V7 Radiator Fan
 V177 Radiator Fan 2

685 Ground Connection 1 on Right Front Longitudinal Member

K21 Connection 1 (in Radiator Fan Wiring Harness)



ws = white
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 bl = blue
 gr = grey
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 vi = lilac
 ge = yellow
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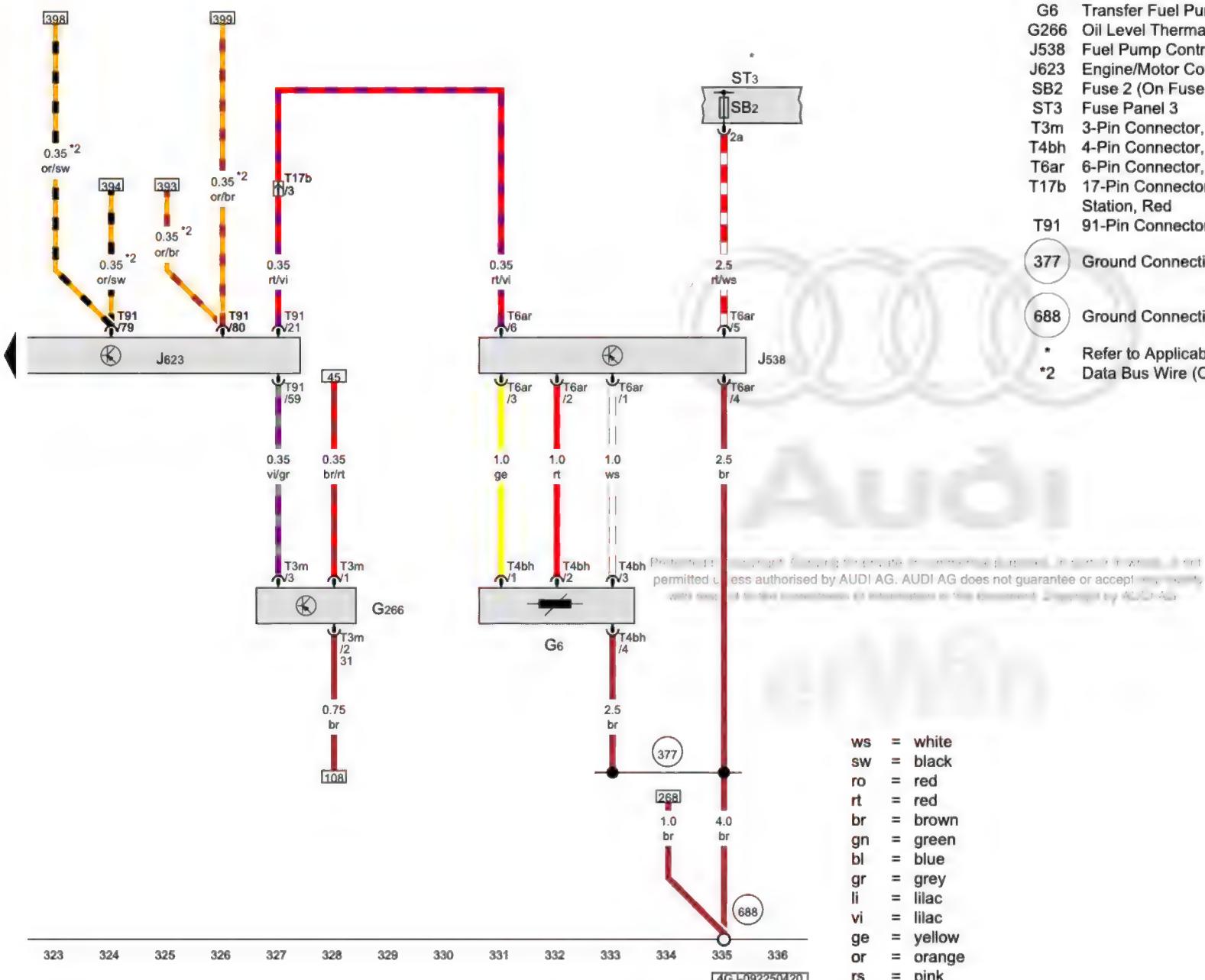


Low Heat Output Relay, High Heat Output Relay, Engine/Motor Control Module, Auxiliary Heater Heating Element

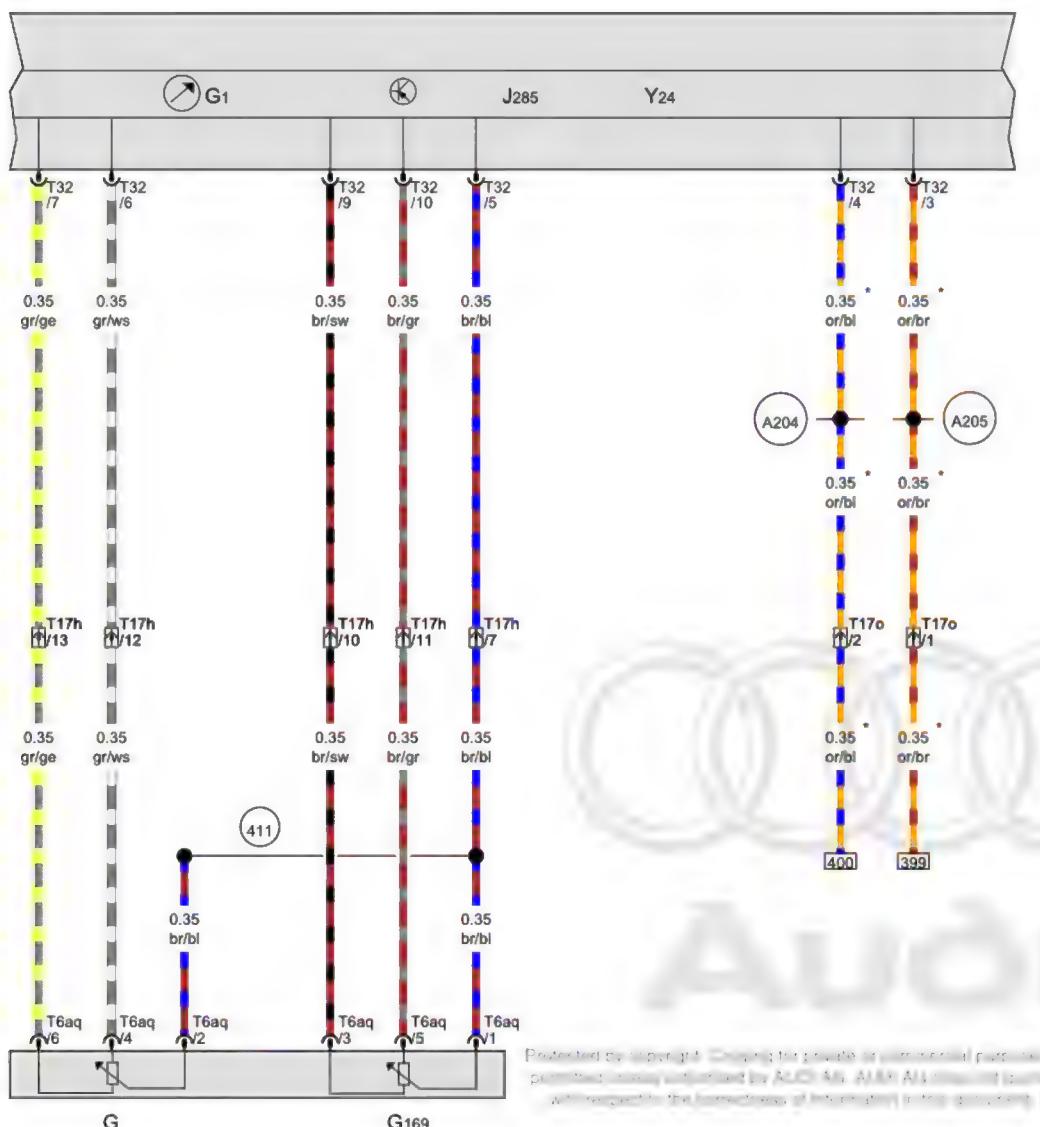
- J359 Low Heat Output Relay
- J360 High Heat Output Relay
- J623 Engine/Motor Control Module
- S276 Heating Element Fuse 1, Relay Panel Under the Instrument Panel, Left
- S277 Heating Element Fuse 2, Relay Panel Under the Instrument Panel, Left
- T3as 3-Pin Connector, Black
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17g 17-Pin Connector, In the Left A-Pillar Connector Station, Blue
- T91 91-Pin Connector, Black
- Z35 Auxiliary Heater Heating Element
- 45 Ground Connection Behind Instrument Panel, Center
- A52 Positive Connection 2 (30) (in Instrument Panel Wiring Harness)
- A99 Connection 87 (in Instrument Panel Wiring Harness) 1
- A138 Connection 2 (in Instrument Panel Wiring Harness)

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 bl = blue
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Transfer Fuel Pump, Oil Level Thermal Sensor, Fuel Pump Control Module, Engine/Motor Control Module



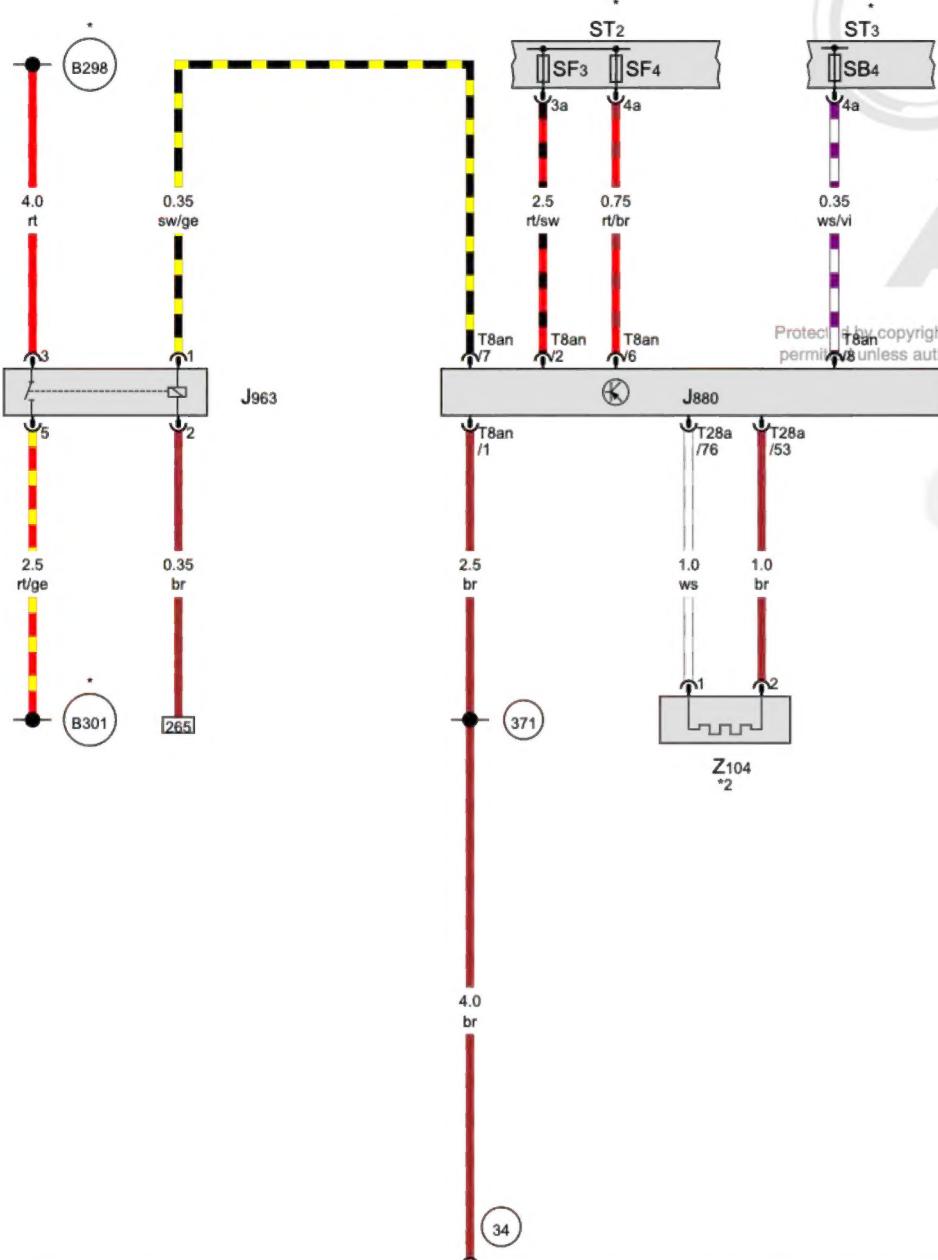
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ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink



Fuel Gauge, Fuel Level Sensor 2, Instrument Cluster Control Module

- G Fuel Level Sensor
- G1 Fuel Gauge
- G169 Fuel Level Sensor 2
- J285 Instrument Cluster Control Module
- T6aq 6-Pin Connector, Black
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32 32-Pin Connector, Black
- Y24 Display Unit in Instrument Cluster
- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- * Data Bus Wire (CAN Bus)

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Reducing Agent Metering System Control Module,
Reducing Agent Metering System Relay, Reducing Agent
Line Heater (Heating Circuit 2)

J880 Reducing Agent Metering System Control Module

J963 Reducing Agent Metering System Relay

ST2 Fuse Panel 2

SF3 Fuse 3 (On Fuse Panel F)

ST3 Fuse Panel 3

SF4 Fuse 4 (On Fuse Panel F)

SB4 Fuse 4 (On Fuse Panel B)

T8an 8-Pin Connector, Black

T28a 28-Pin Connector, Black

Z104 Reducing Agent Line Heater (Heating Circuit 2)

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34 Ground Connection Under Driver Seat

371 Ground Connection 6 (in Main Wiring Harness)

B298 Positive Connection 2 (30) (in Main Wiring Harness)

B301 Positive Connection 5 (30) (in Main Wiring Harness)

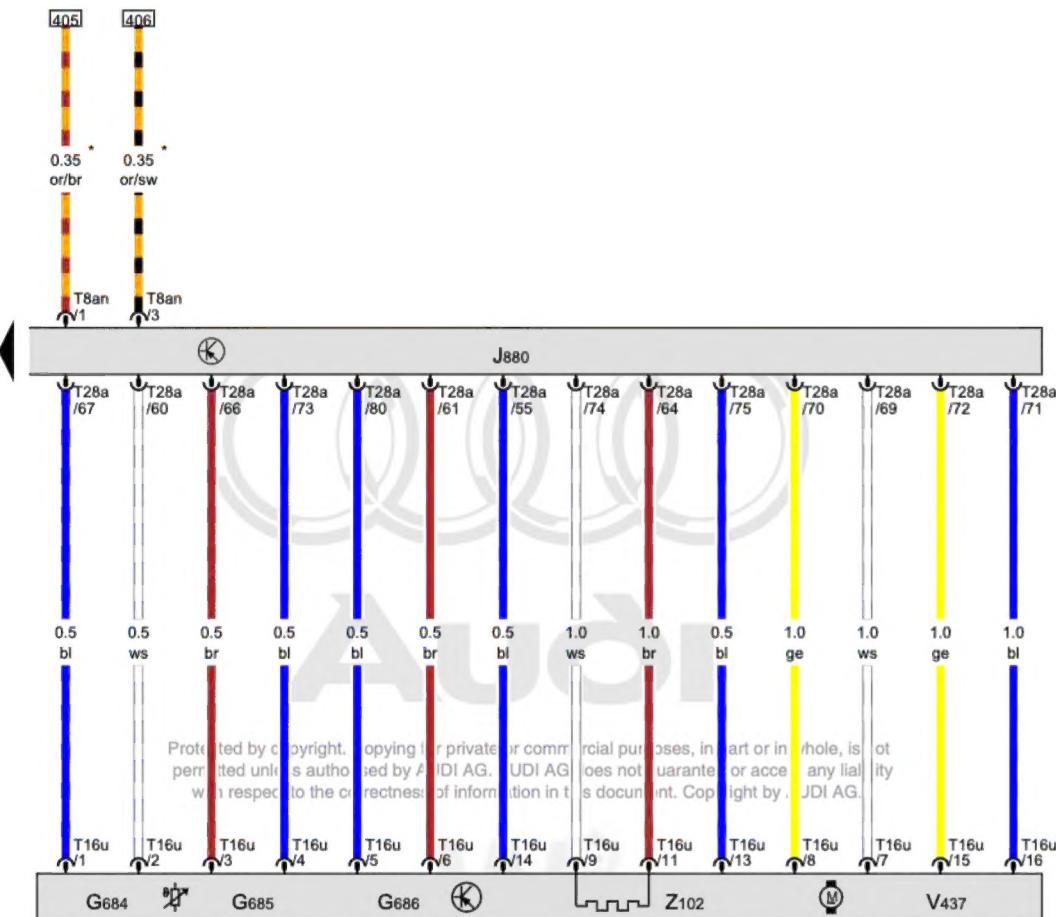
* Refer to Applicable Wiring Diagram for Fuse Positions

*2 Reducing Agent Line Heater May Contain Multiple Segments

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Reducing Agent Metering System Control Module

G684 Reducing Agent Tank Sensor
 G685 Reducing Agent Temperature Sensor
 G686 Reducing Agent Metering System Pressure Sensor
 J880 Reducing Agent Metering System Control Module
 T8an 8-Pin Connector, Black
 T16u 16-Pin Connector, Black
 T28a 28-Pin Connector, Black
 V437 Reducing Agent Pump
 Z102 Reducing Agent Tank Heater (Heating Circuit 1)
 * Data Bus Wire (CAN Bus)



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Catalytic Converter Heating Control Module 1, Catalytic Converter Heater 1, Catalytic Converter Heater 2

J1021 Catalytic Converter Heating Control Module 1

T2qb 2-Pin Connector, Brown

T2qc 2-Pin Connector, Black

T4gk 4-Pin Connector, Black

Z119 Catalytic Converter Heater 1

Z120 Catalytic Converter Heater 2

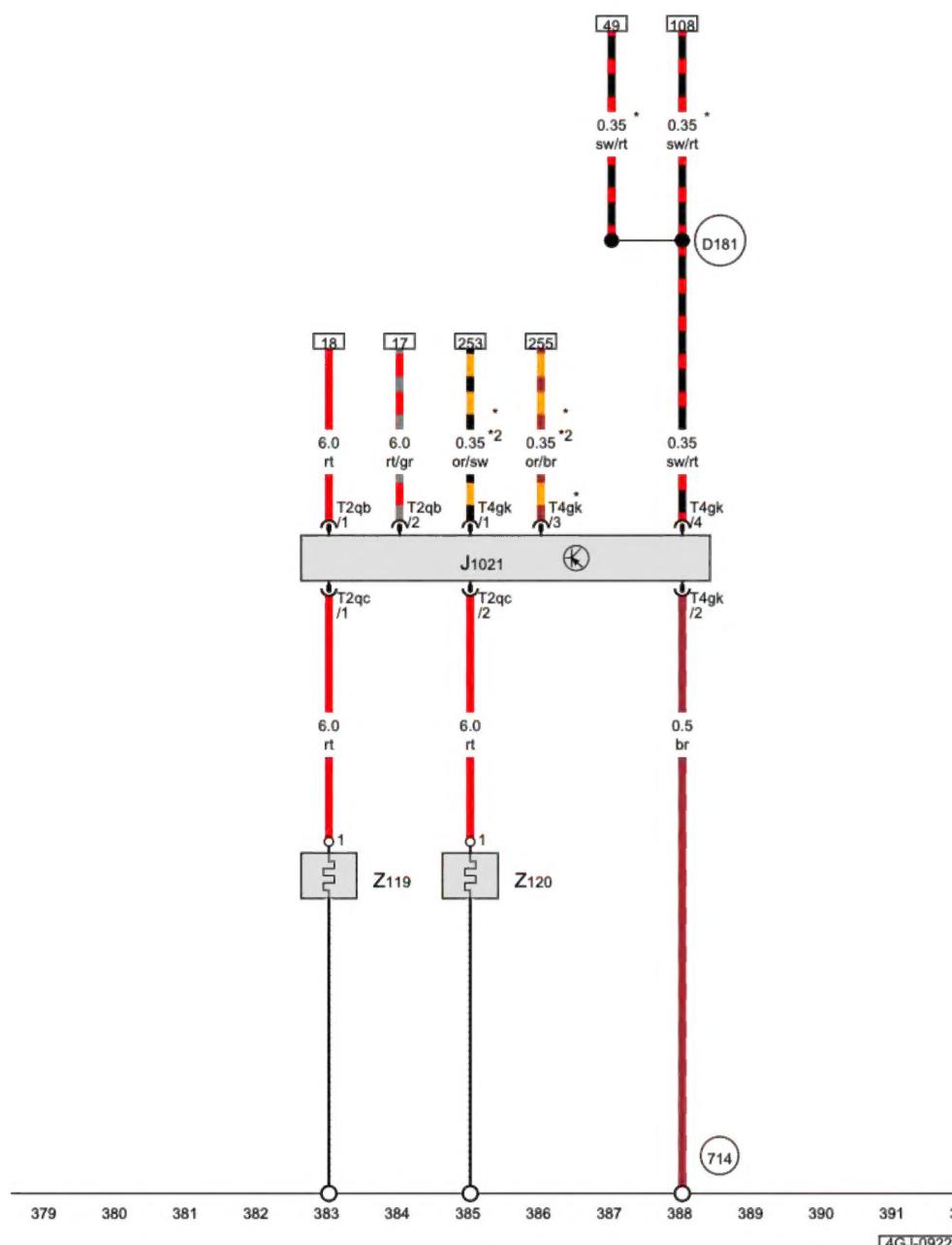
714 Ground Connection on Engine, Right

D181 Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)

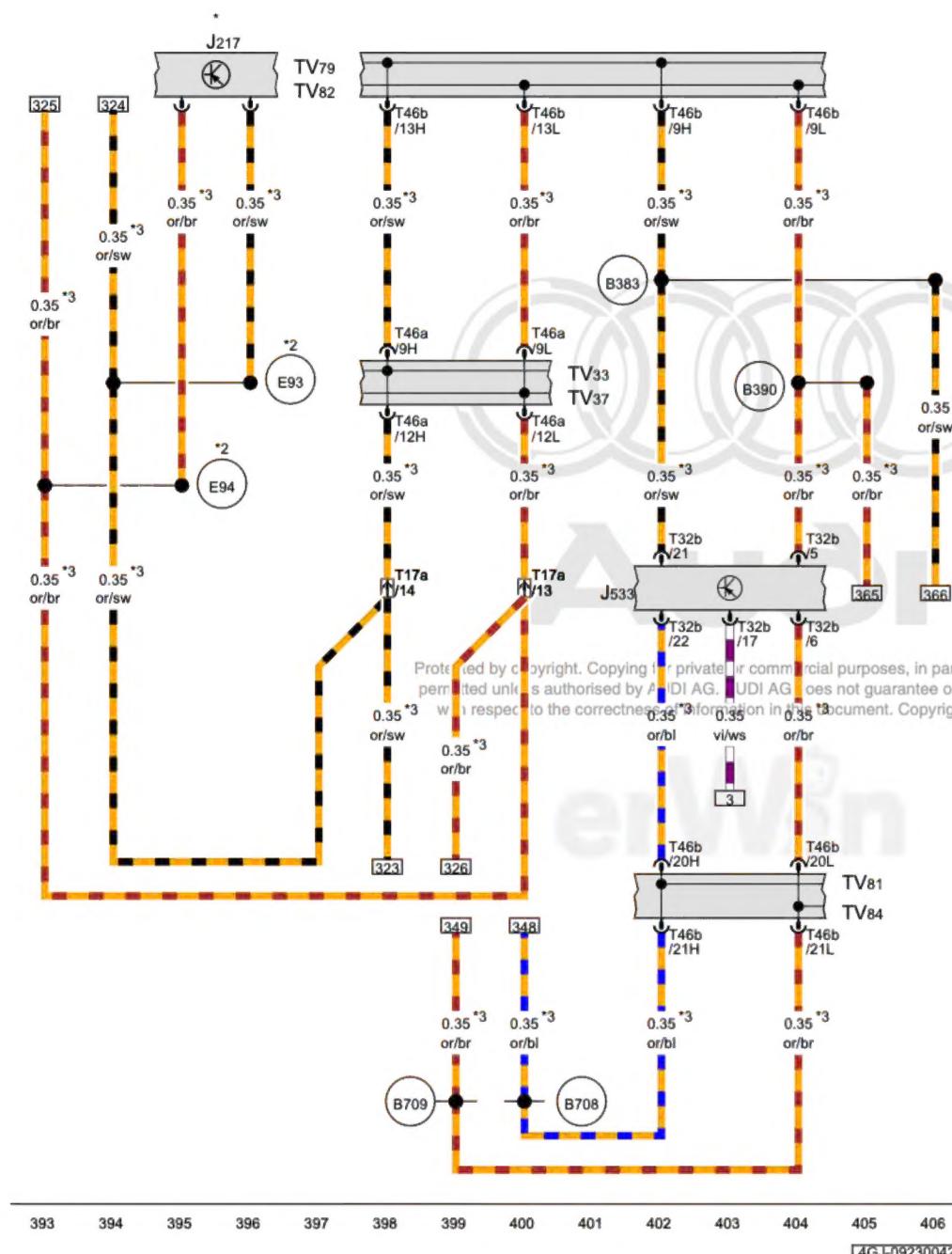
* Depending on Equipment

*2 Data Bus Wire (CAN Bus)

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Data Bus on Board Diagnostic Interface, Powertrain CAN Bus High Wire Junction, Powertrain CAN Bus High Wire Junction 2, Instrument Cluster CAN Bus High Wire Junction 2

- J217 Transmission Control Module
- J533 Data Bus on Board Diagnostic Interface
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T32b 32-Pin Connector, Black
- T46a 46-Pin Connector, Black
- T46b 46-Pin Connector, Black
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV81 Instrument Cluster CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2
- TV84 Instrument Cluster CAN Bus Low Wire Junction 2
- (B383) Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
- (B390) Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
- (B708) Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- (B709) Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)
- (E93) CAN Bus High Connection 1 (in Engine Wiring Harness)
- (E94) CAN Bus Low Connection 1 (in Engine Wiring Harness)

* Refer to Applicable Wiring Diagram for Automatic Transmission

*2 For Vehicles Without Manual Transmission

*3 Data Bus Wire (CAN Bus)

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 vi = lilac
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